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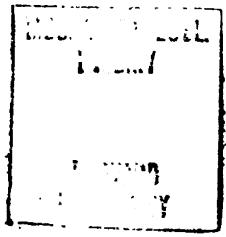
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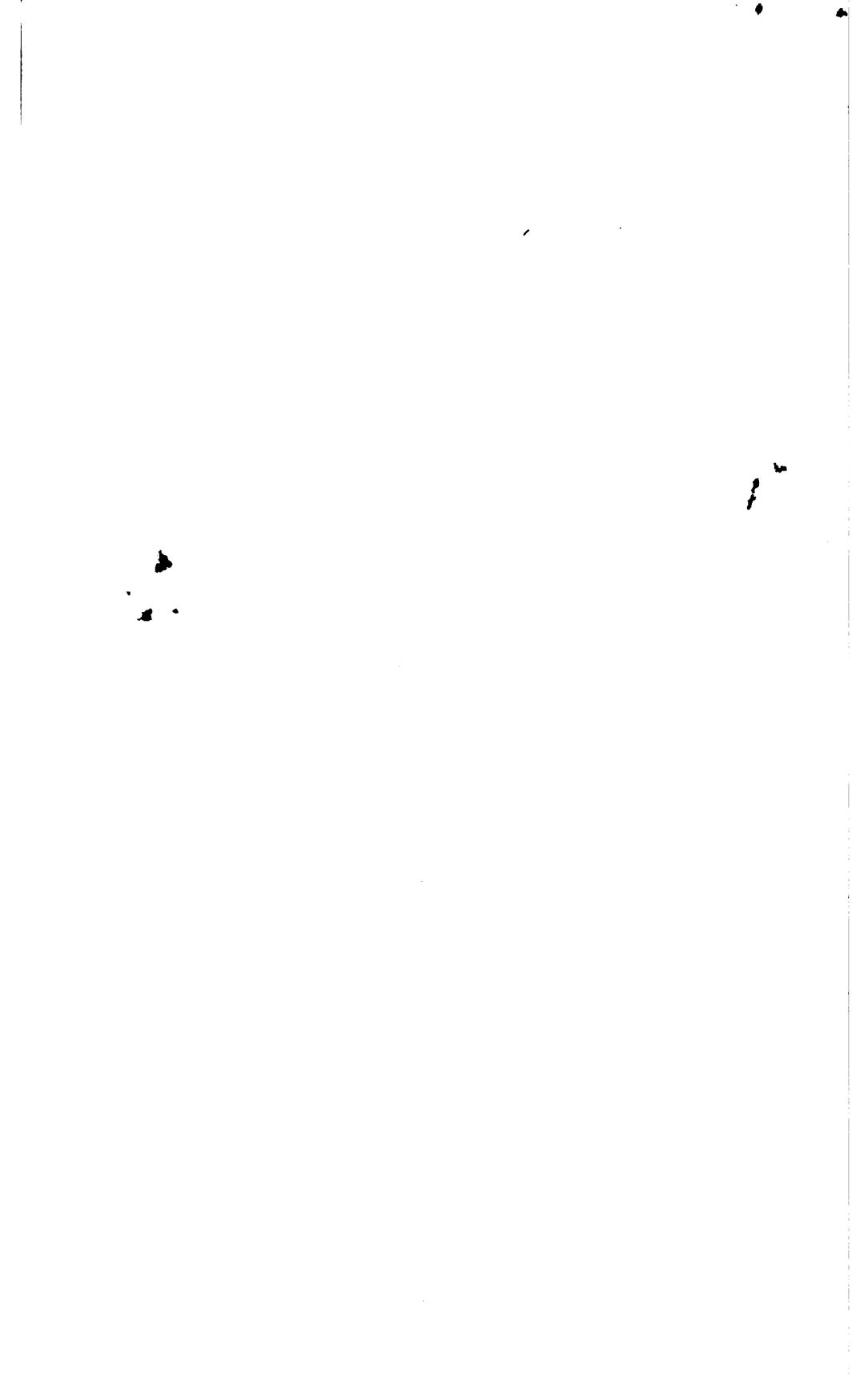
OF THE

Museum of Comparative Zoölogy

March 24, 1897

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PROCEEDINGS

OF THE

CALIFORNIA

ACADEMY OF SCIENCES.

SECOND SERIES.

VOLUME V,

PART I.

SAN FRANCISCO
CALIFORNIA ACADEMY OF SCIENCES
1895.

Issued November 18, 1895.

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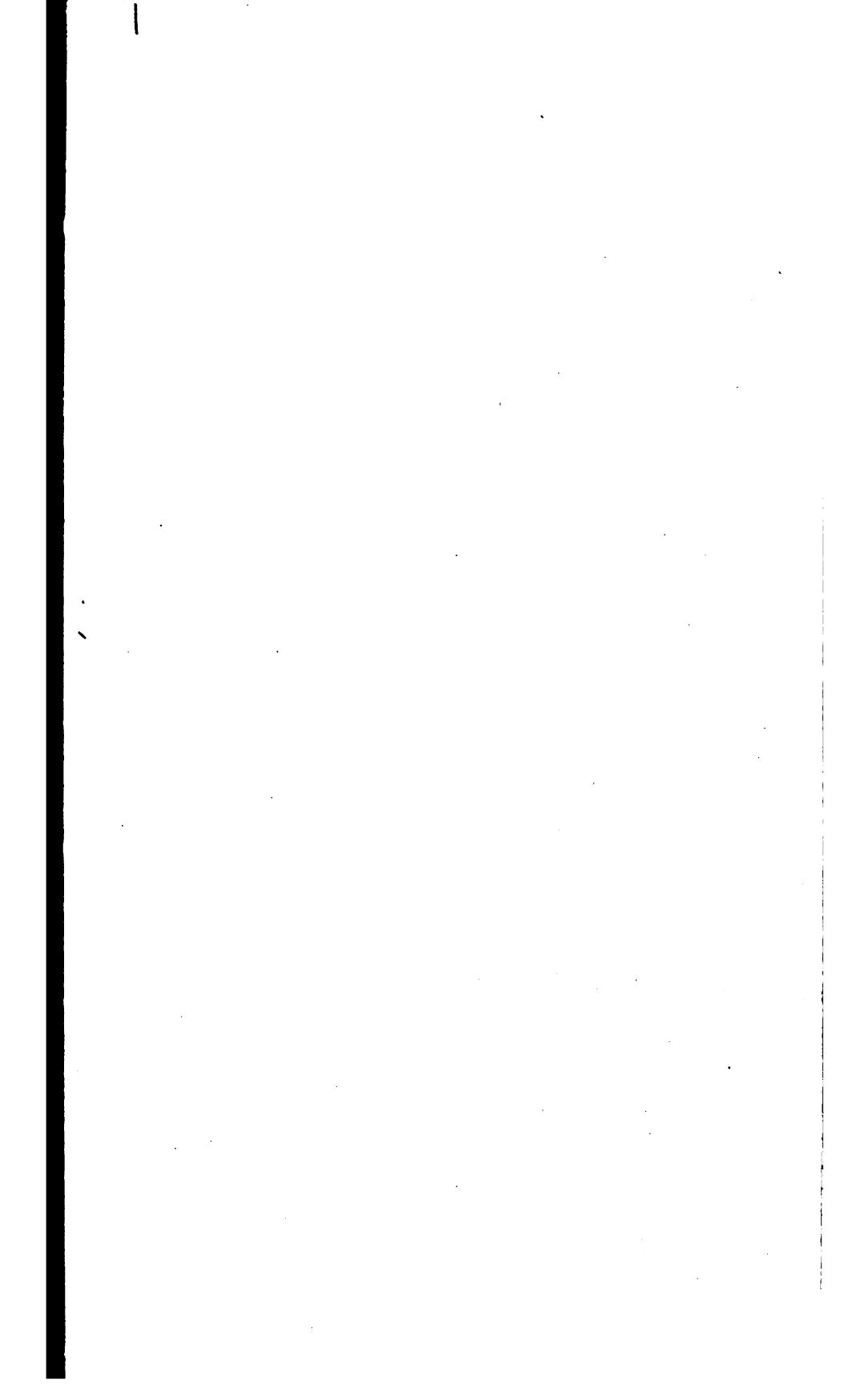
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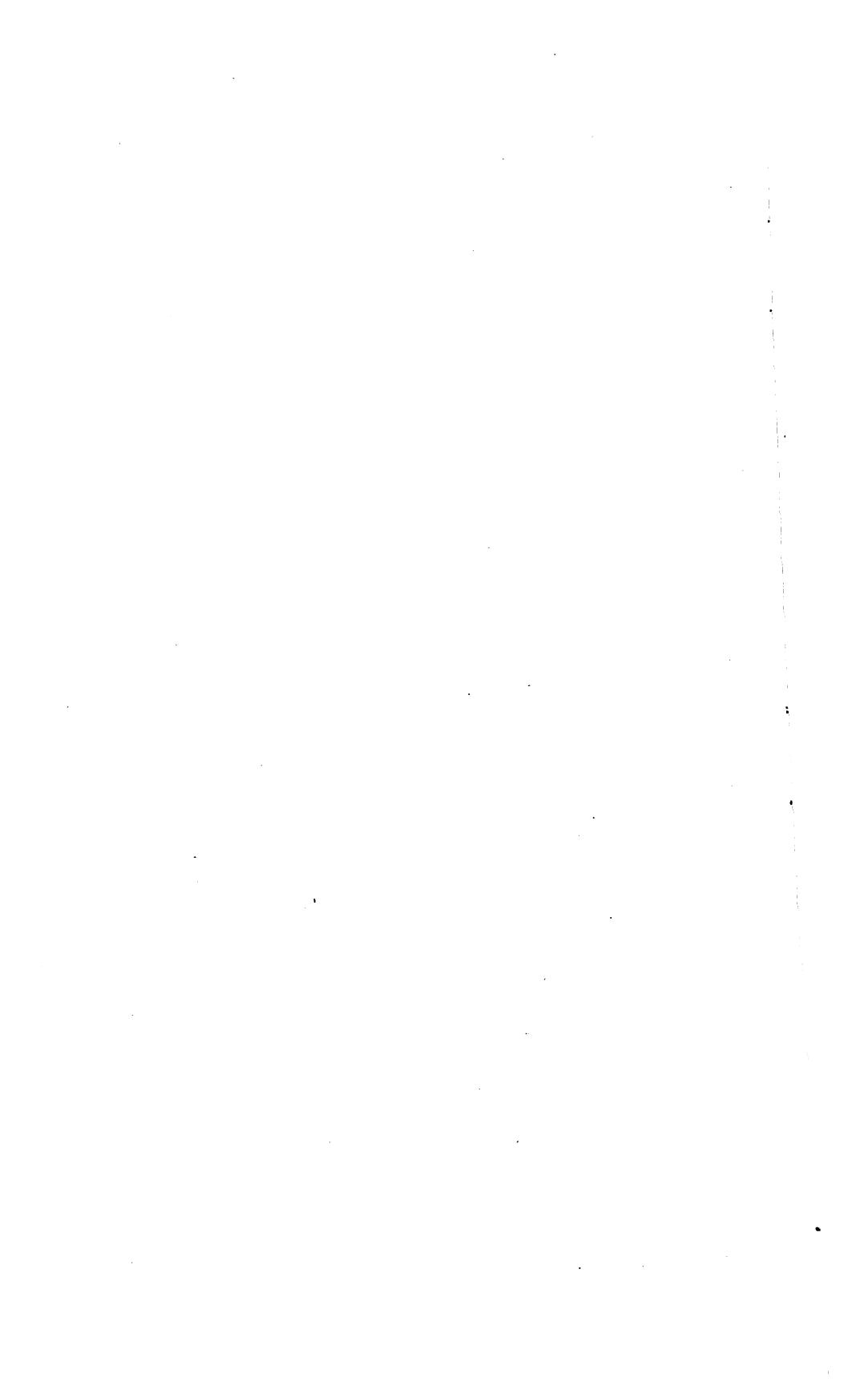
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1896.

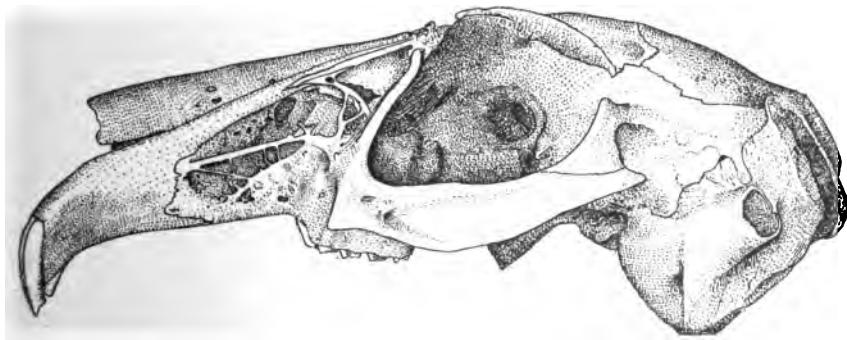
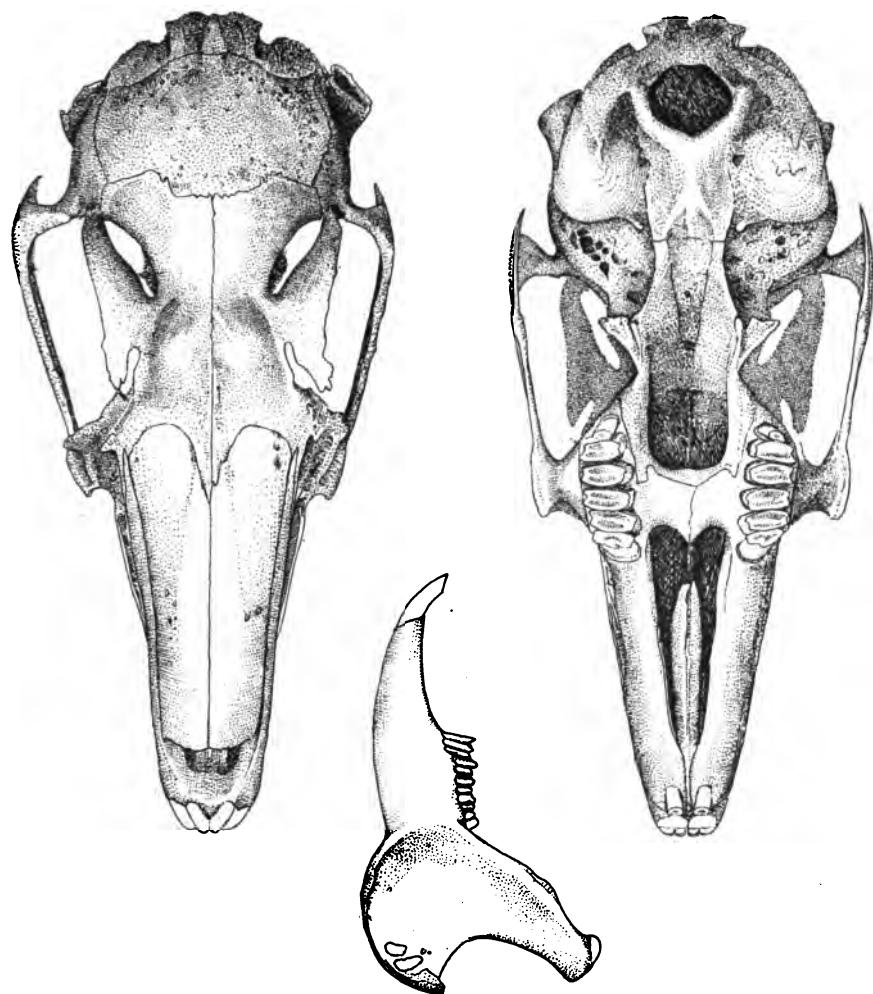
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LEPUS MARTIRENSIS. New Species.

Co-type No. 750, Museum L. S. Jr. Univ.

Lower Jaw, $\frac{1}{2}$ Natural Size, other figures slightly enlarged.

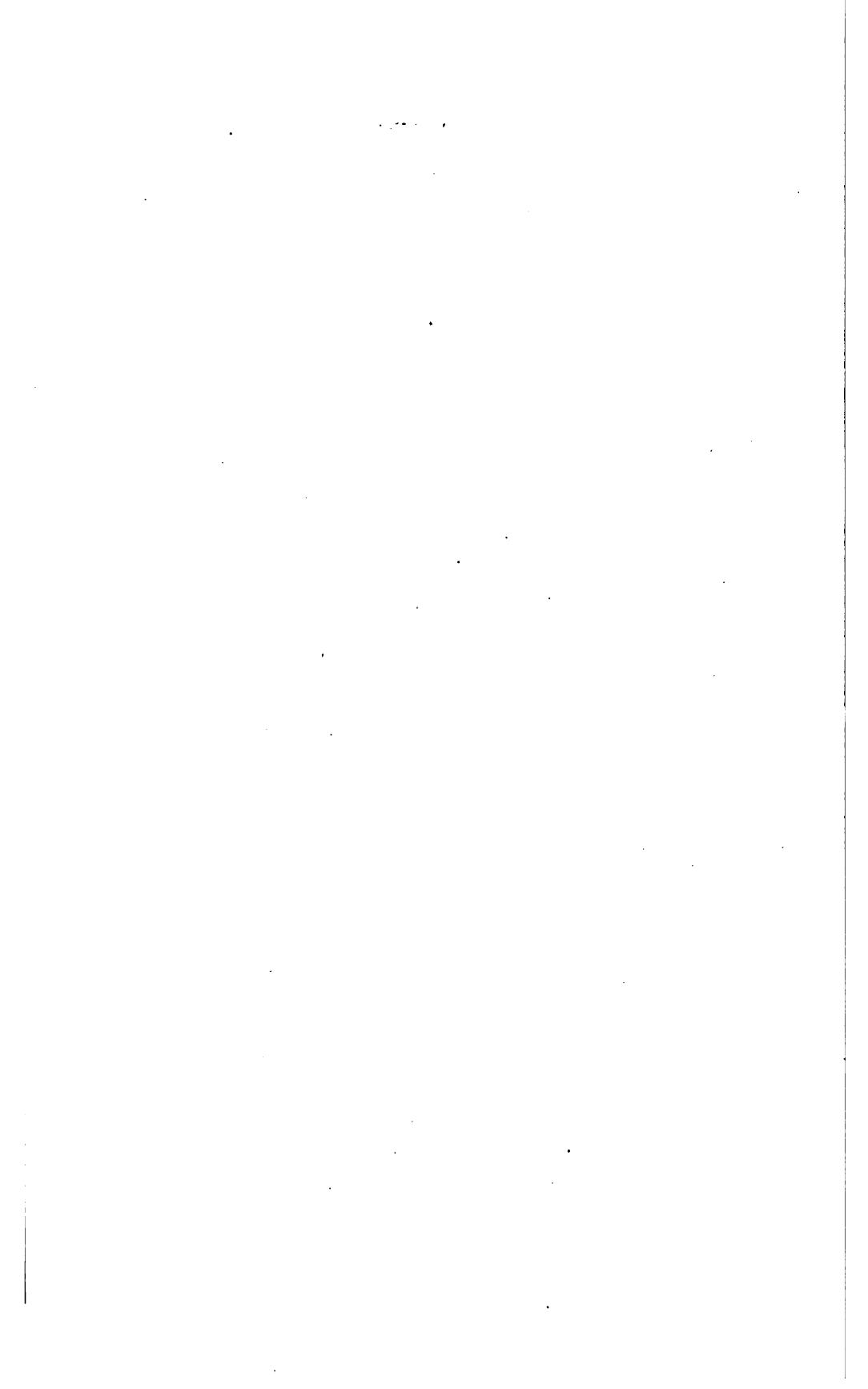


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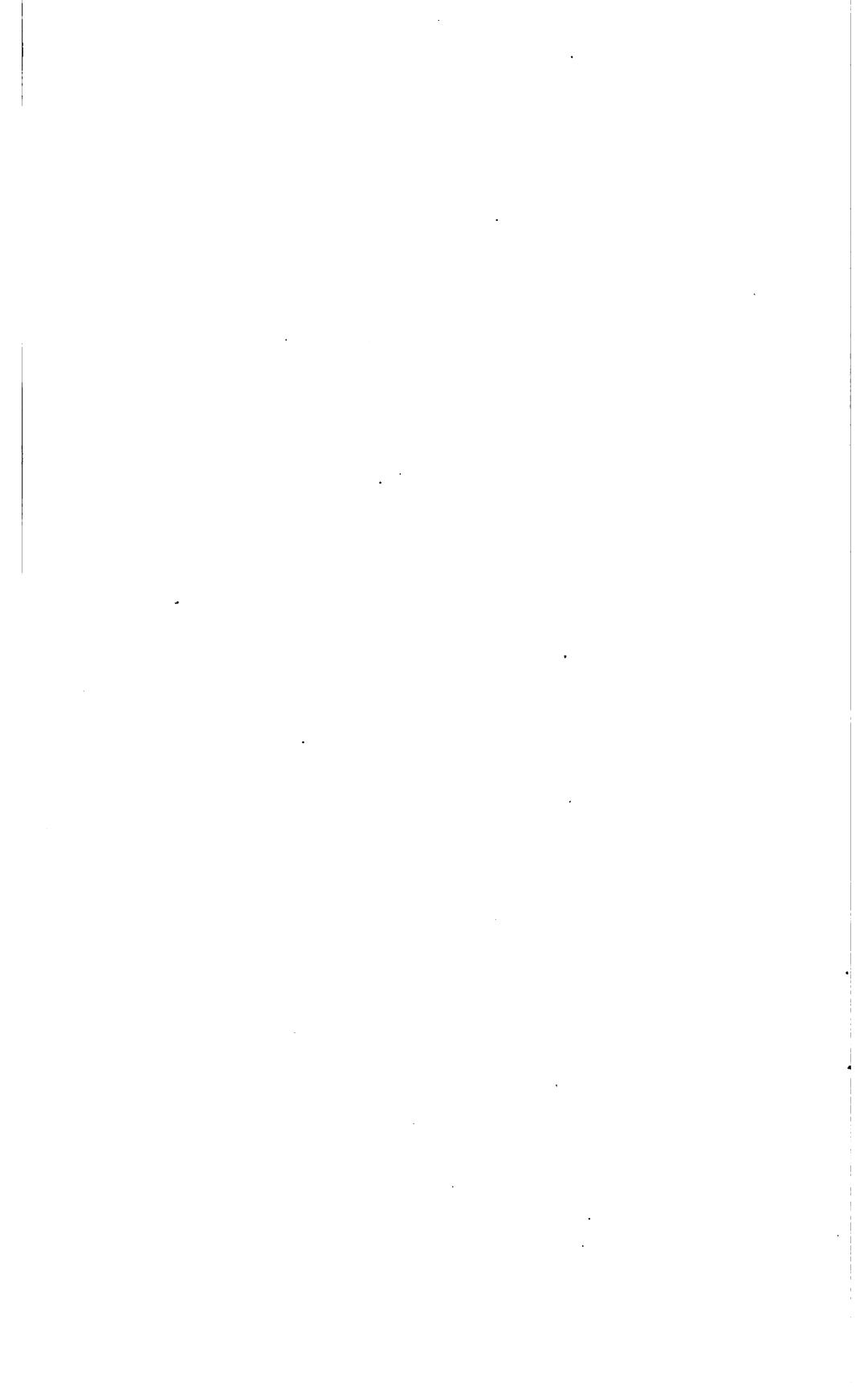
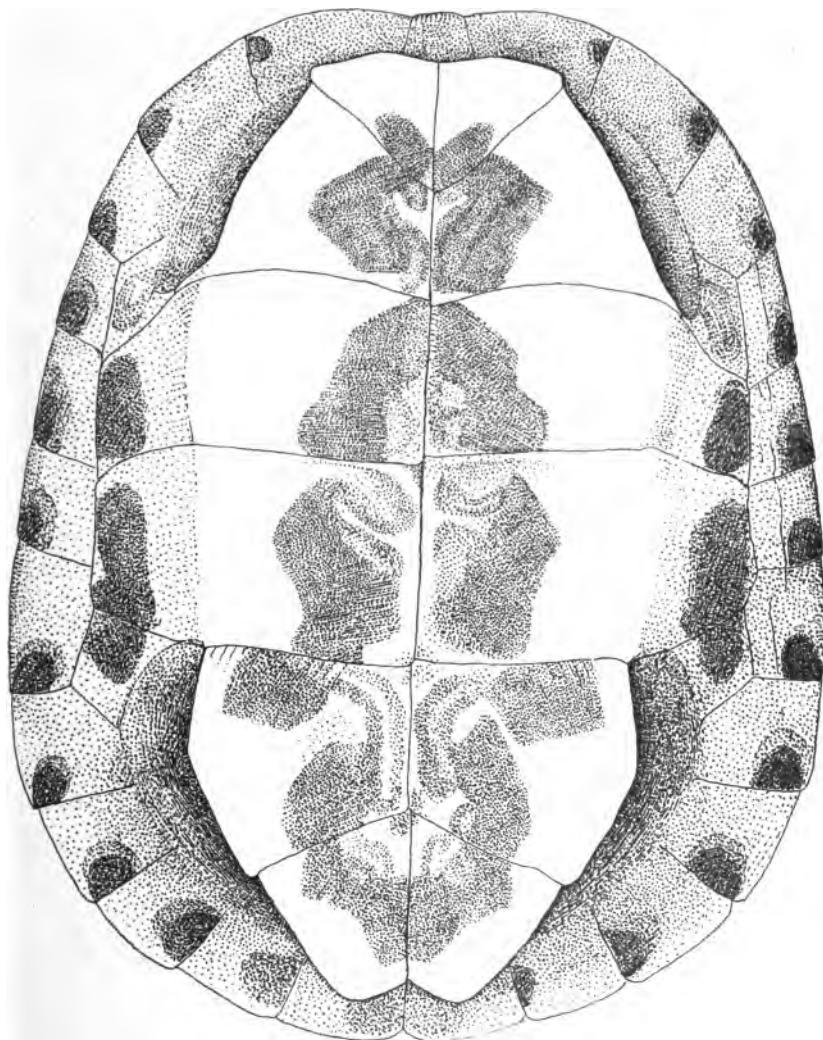


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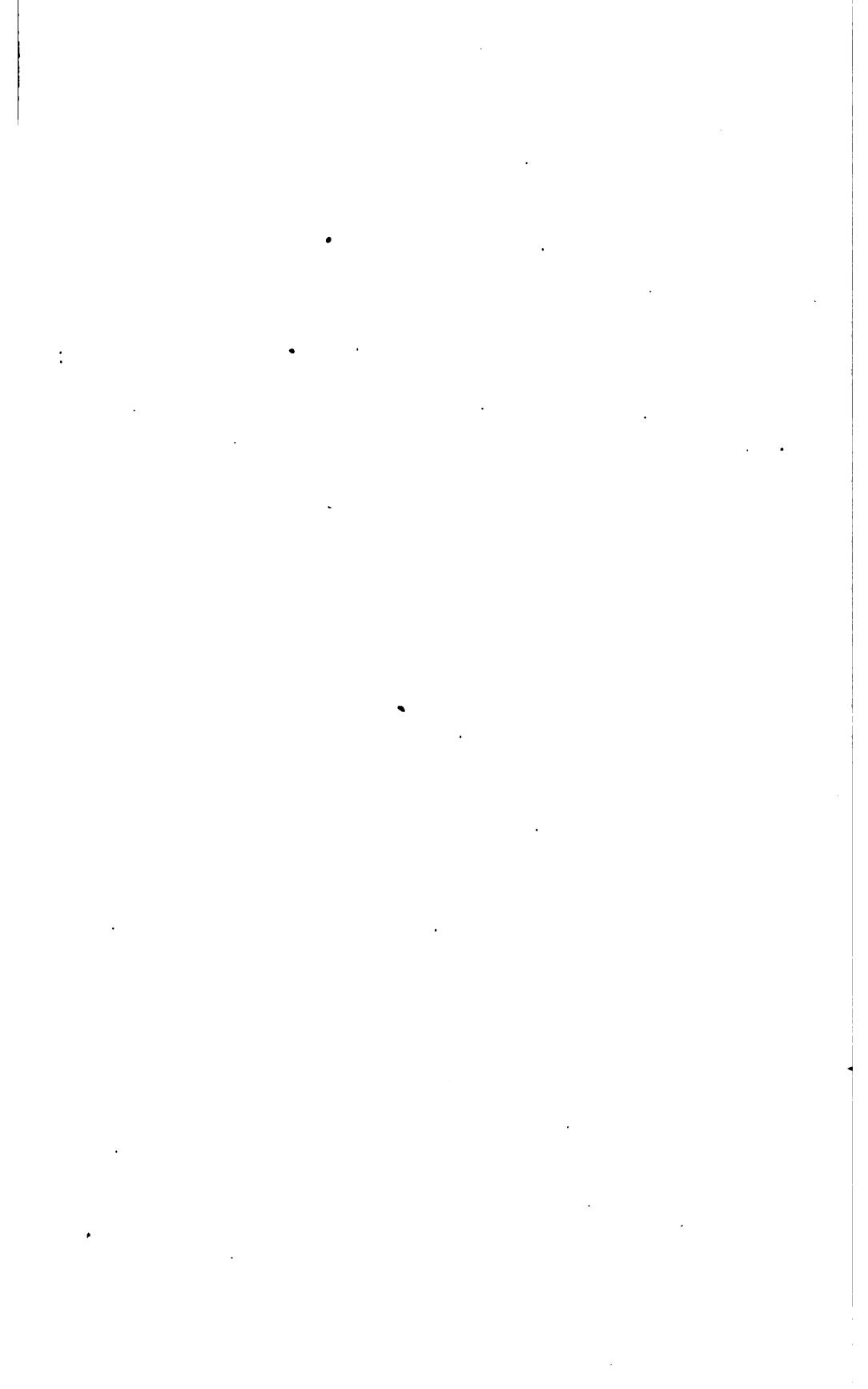
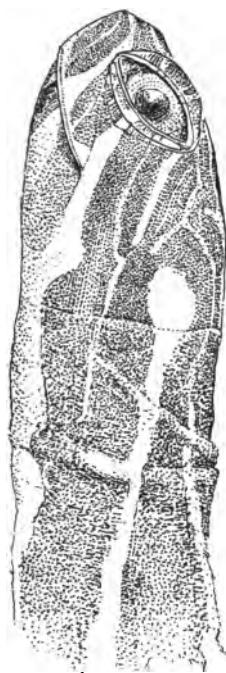
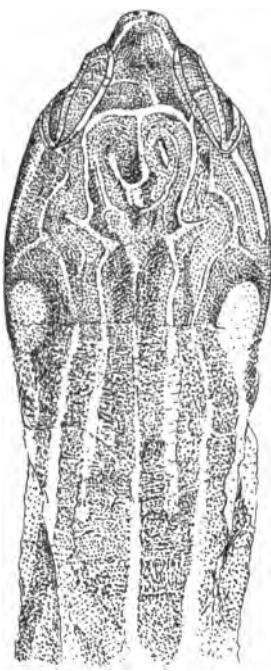


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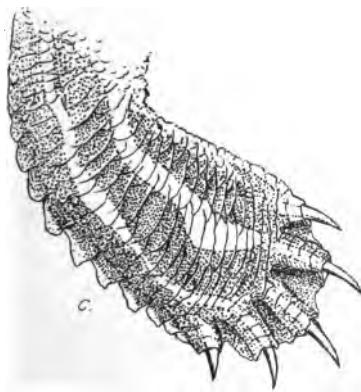
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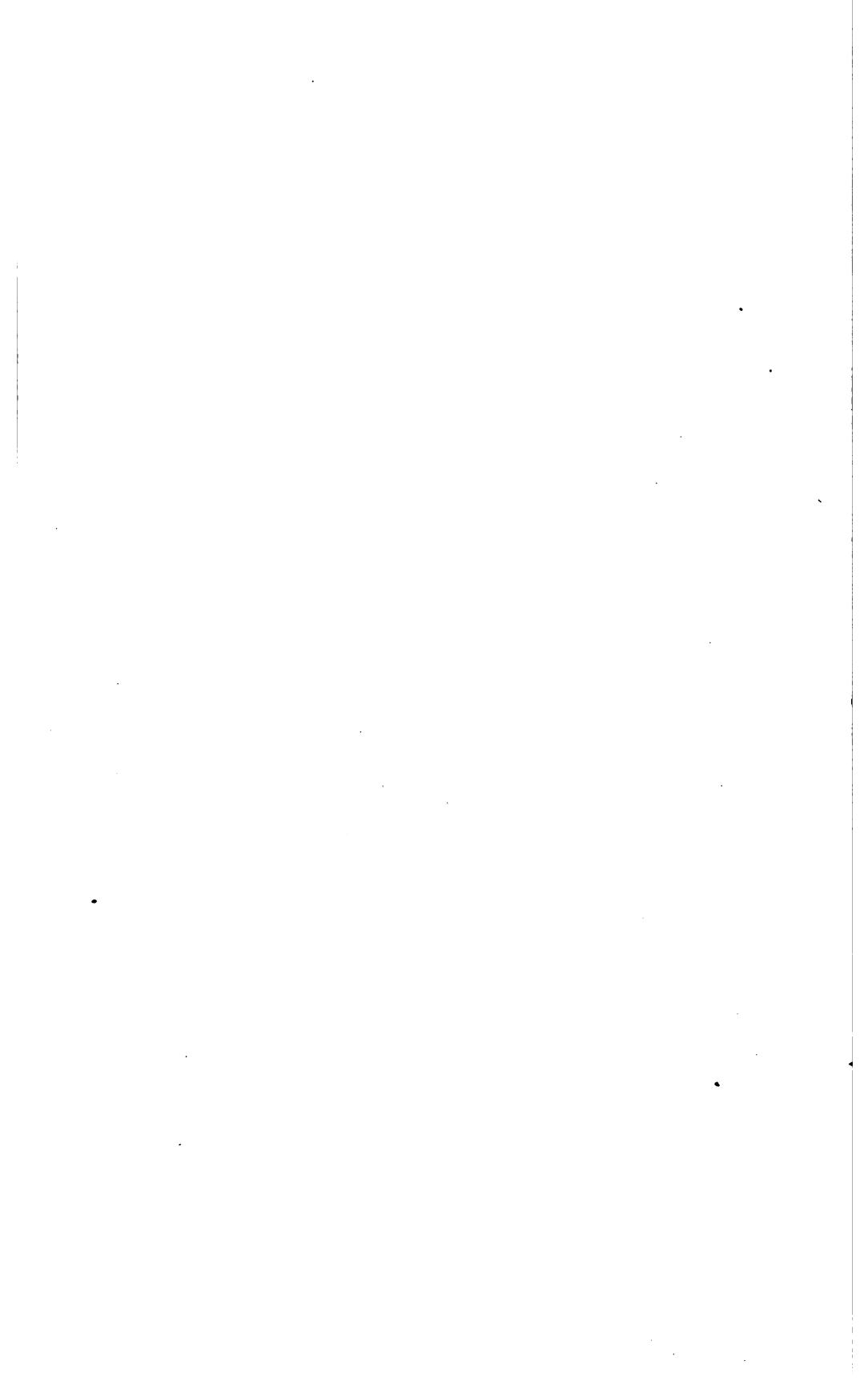
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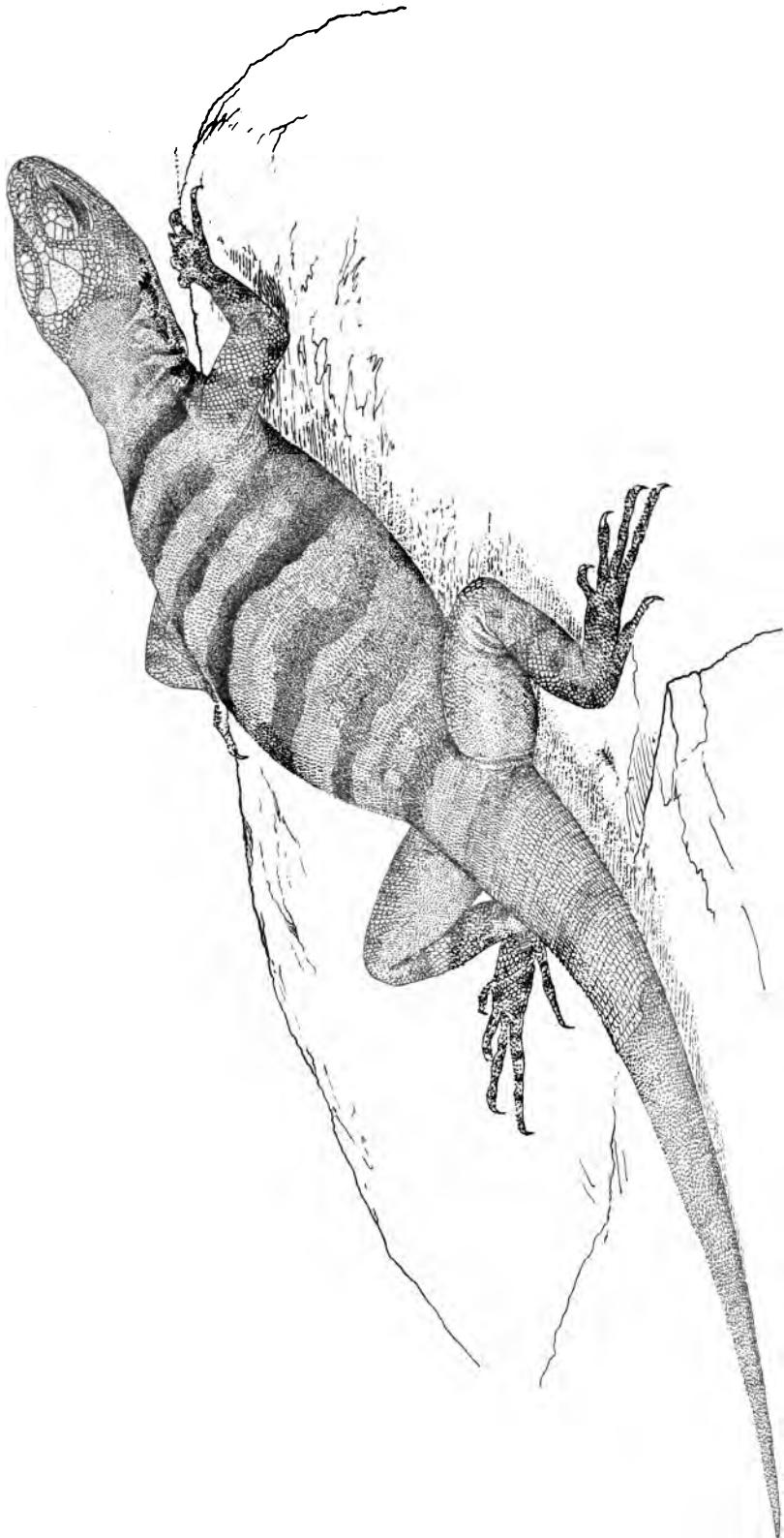


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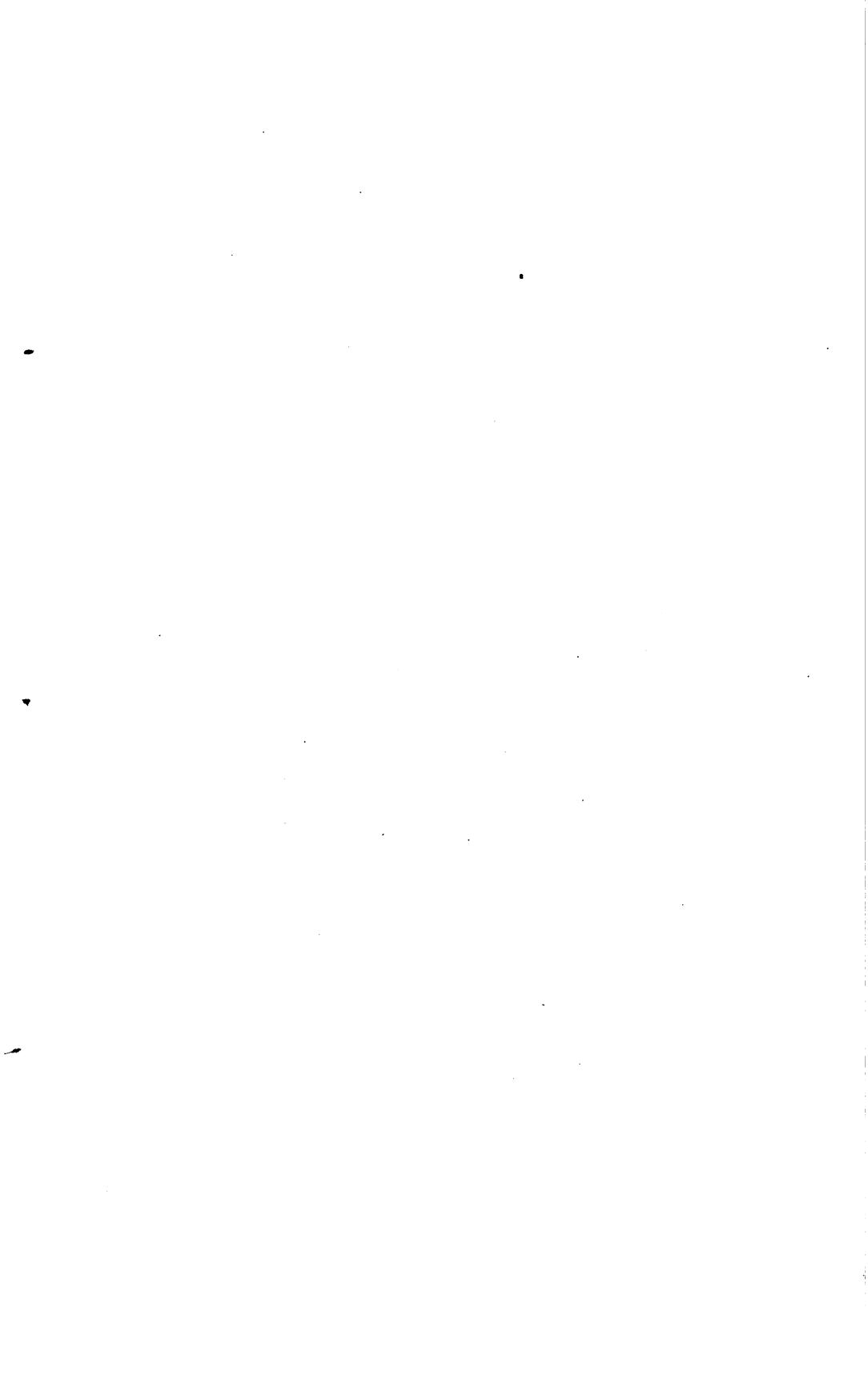
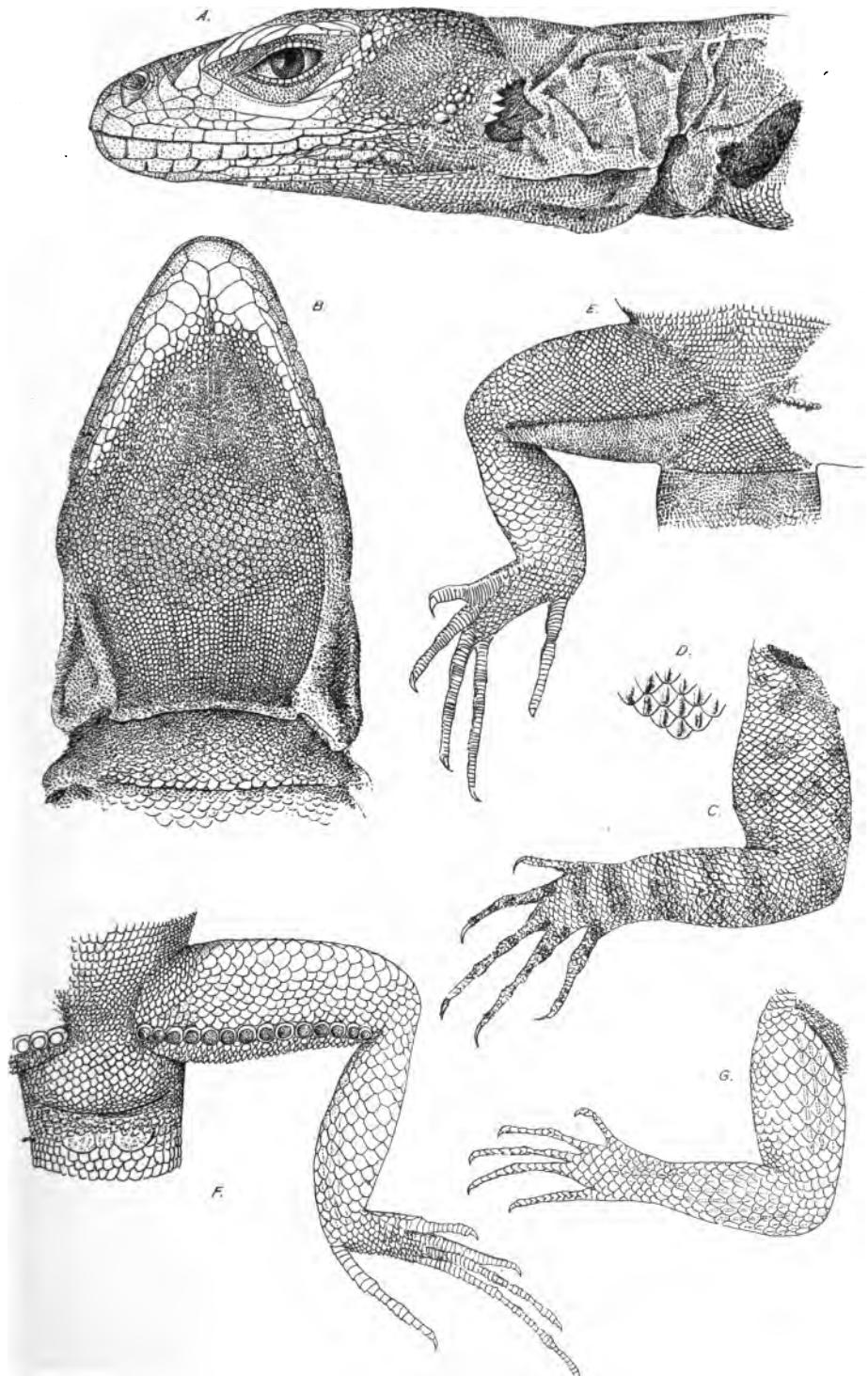


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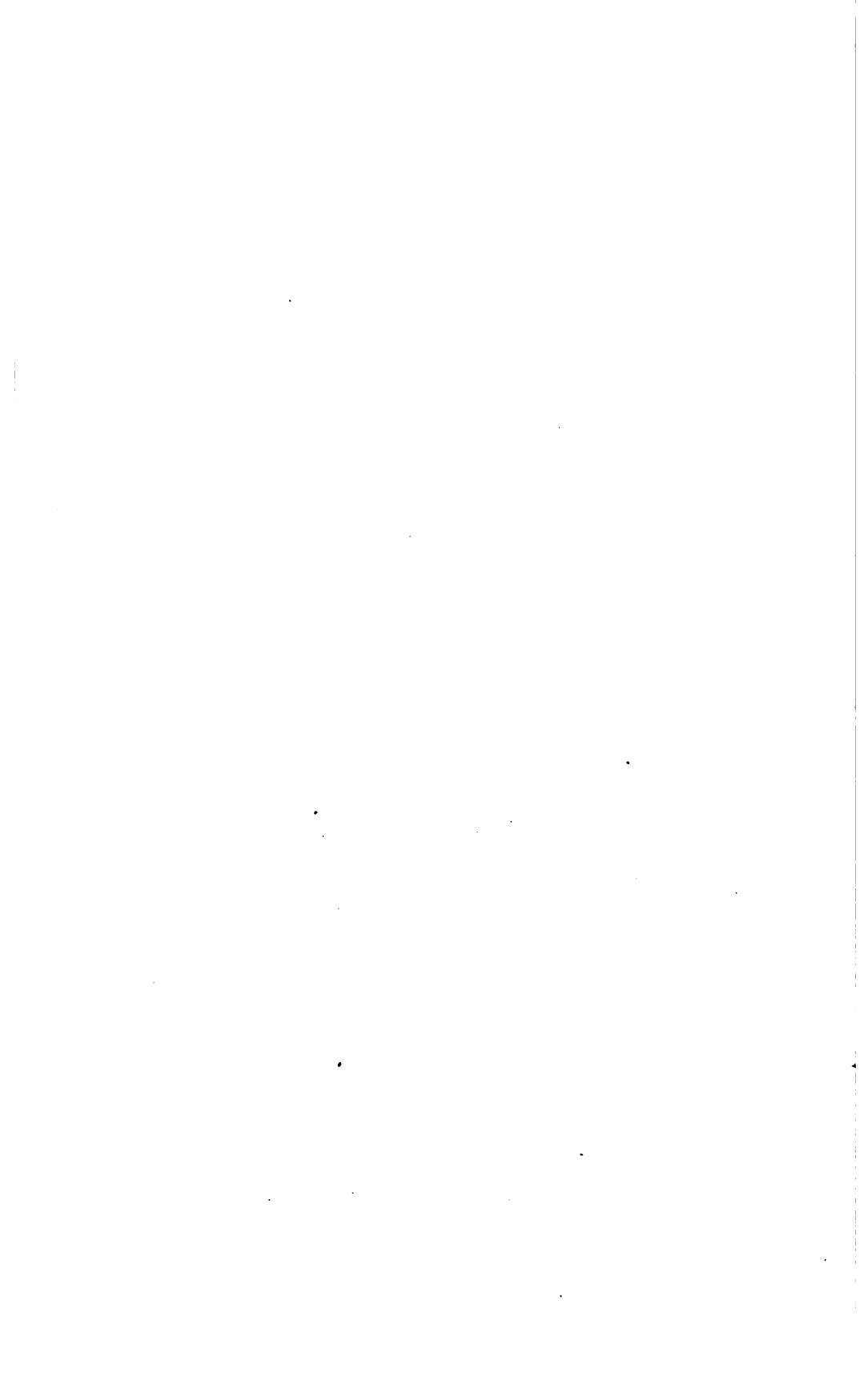
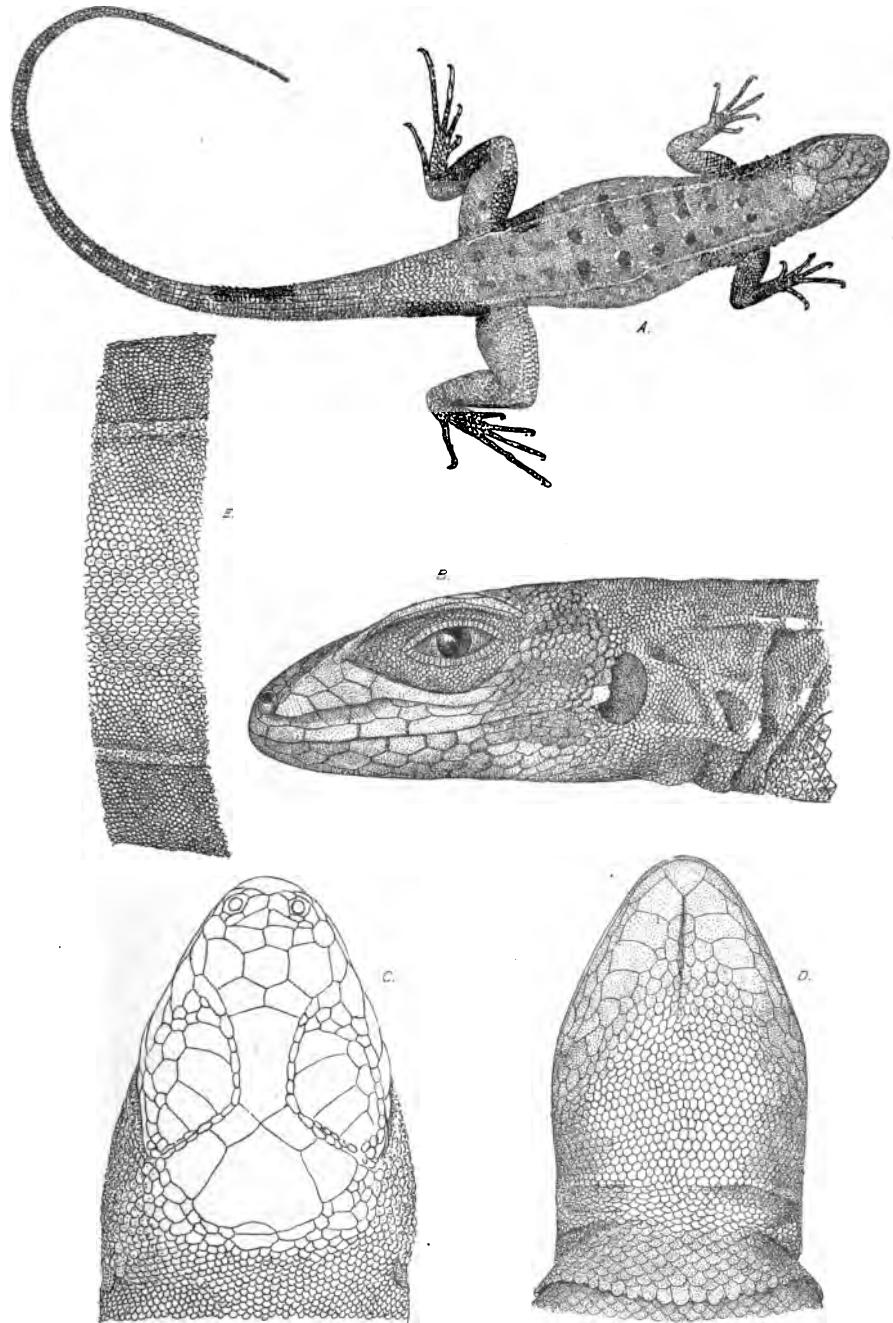


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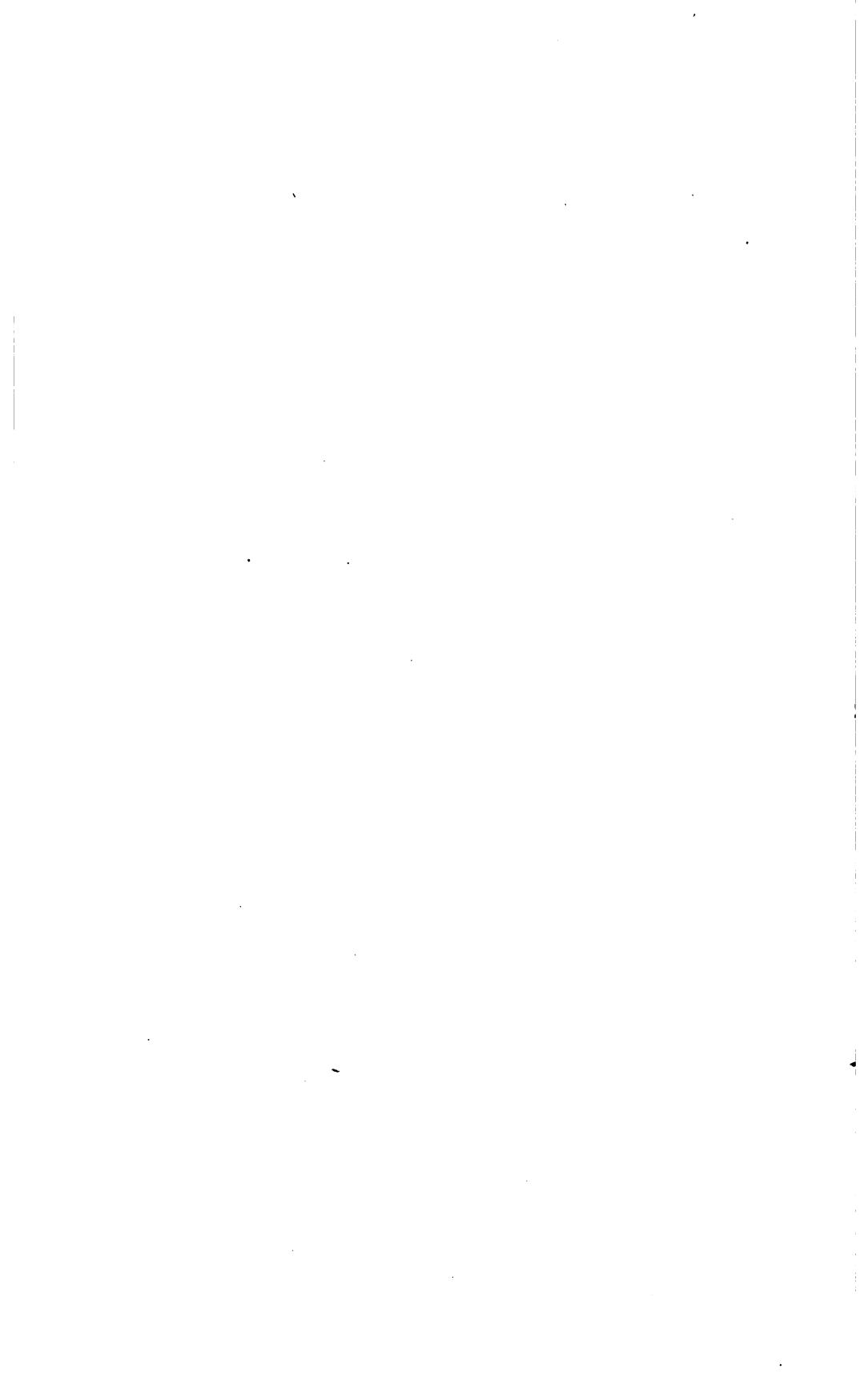
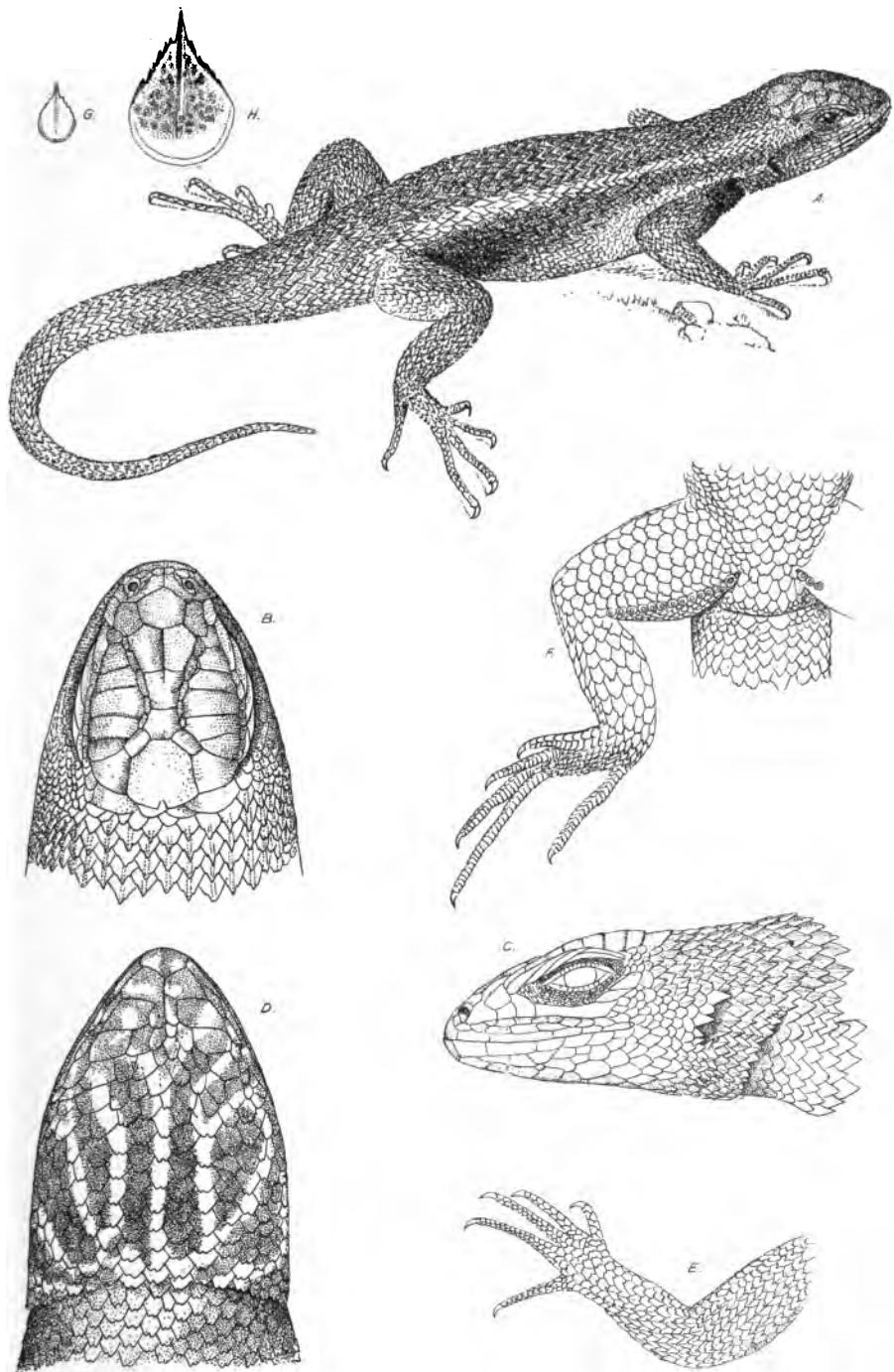


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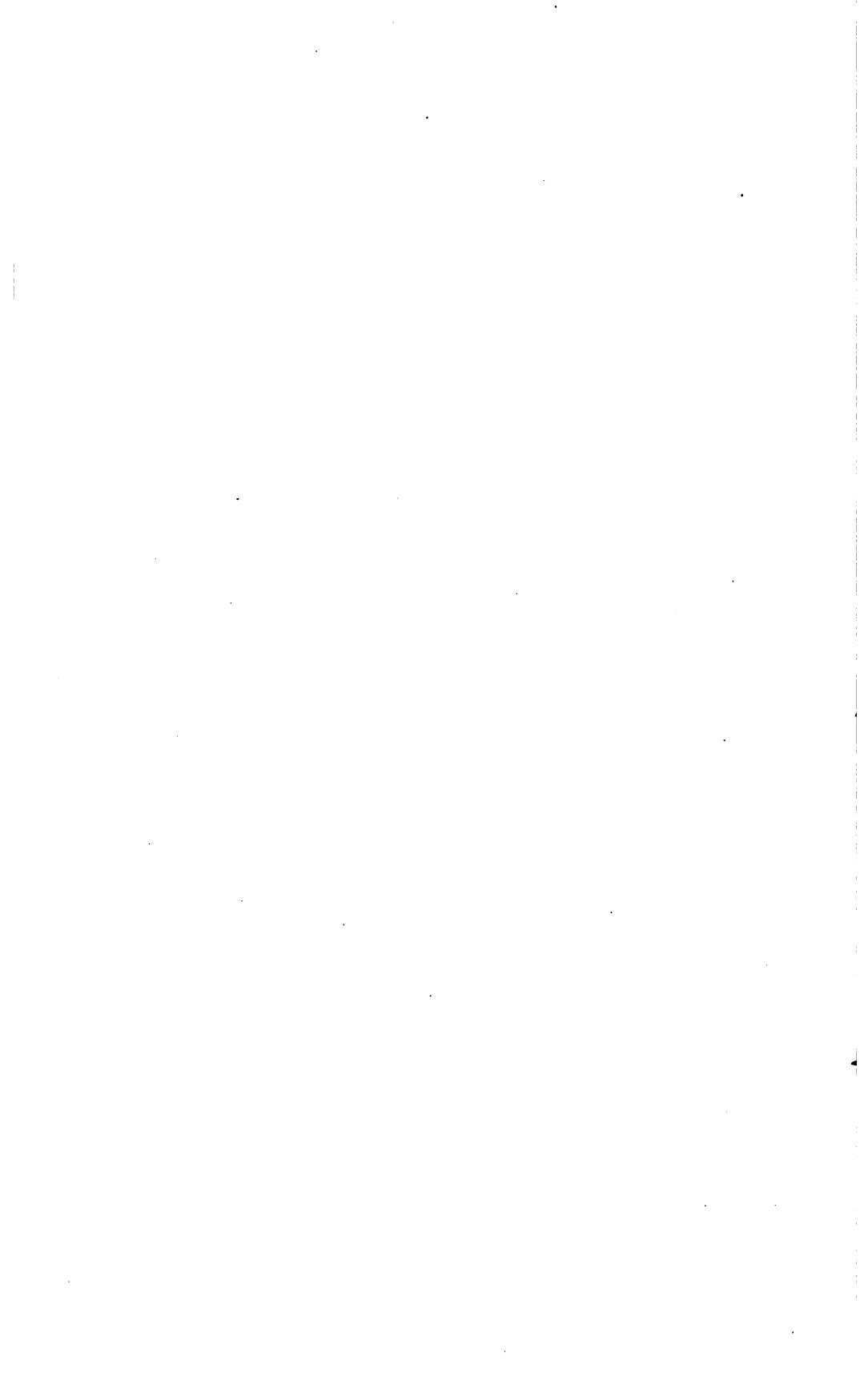
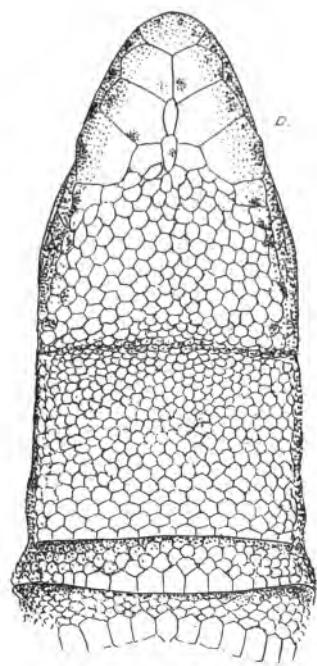


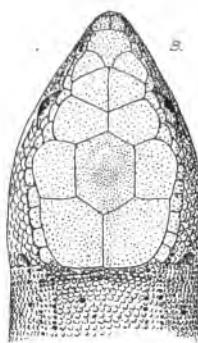
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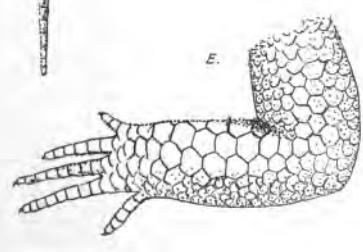
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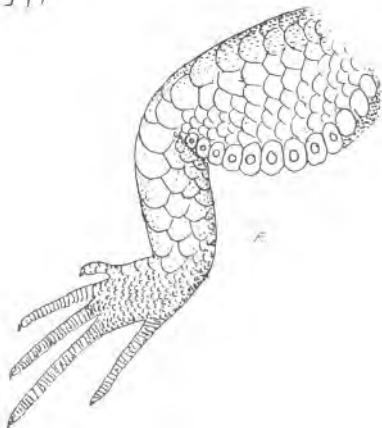
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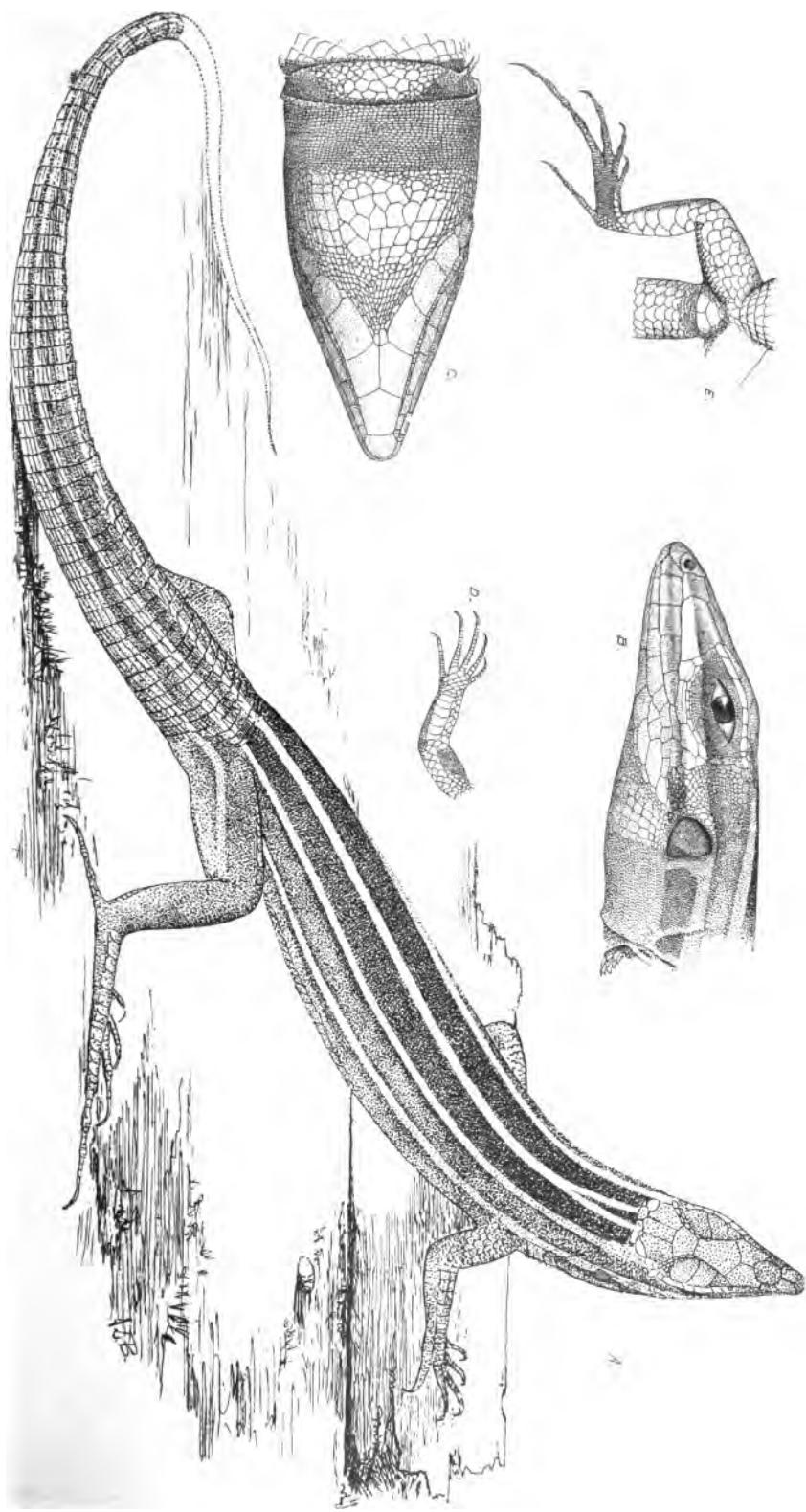
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PLATE XII.



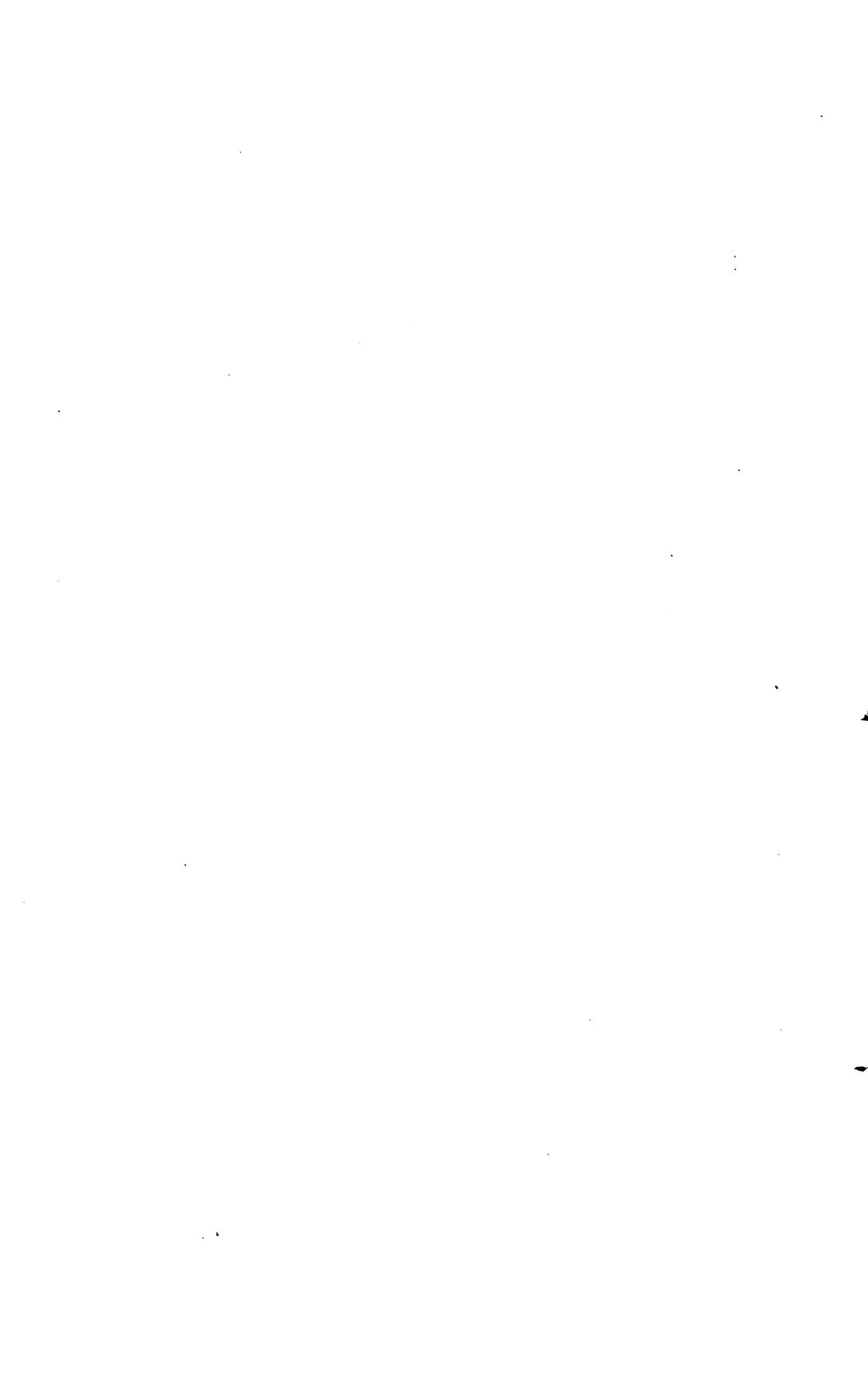
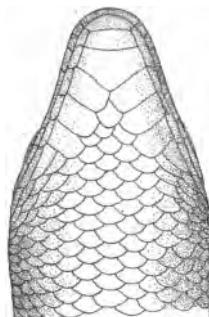
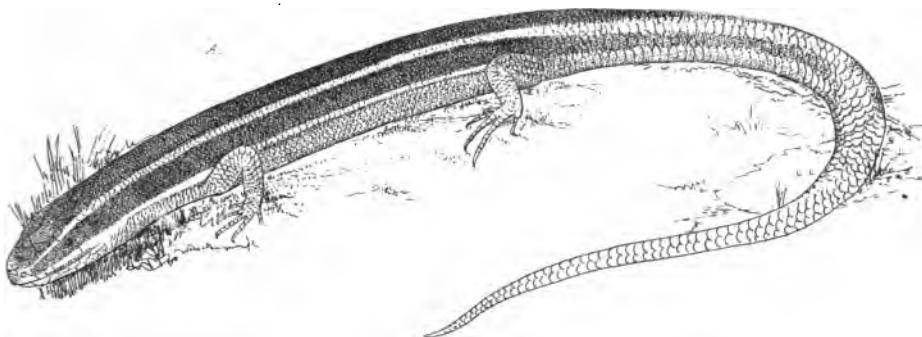
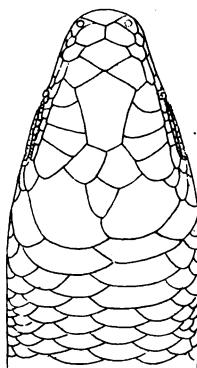


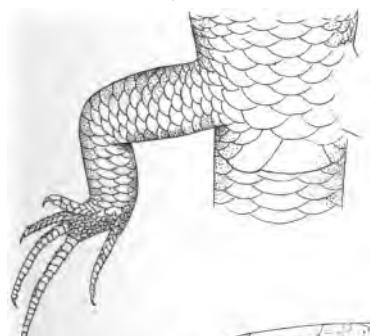
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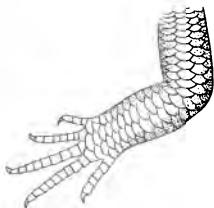
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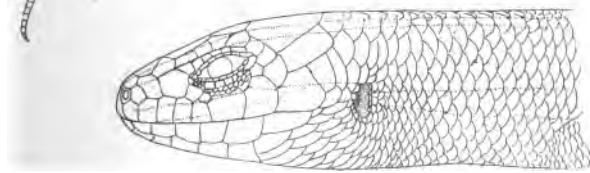
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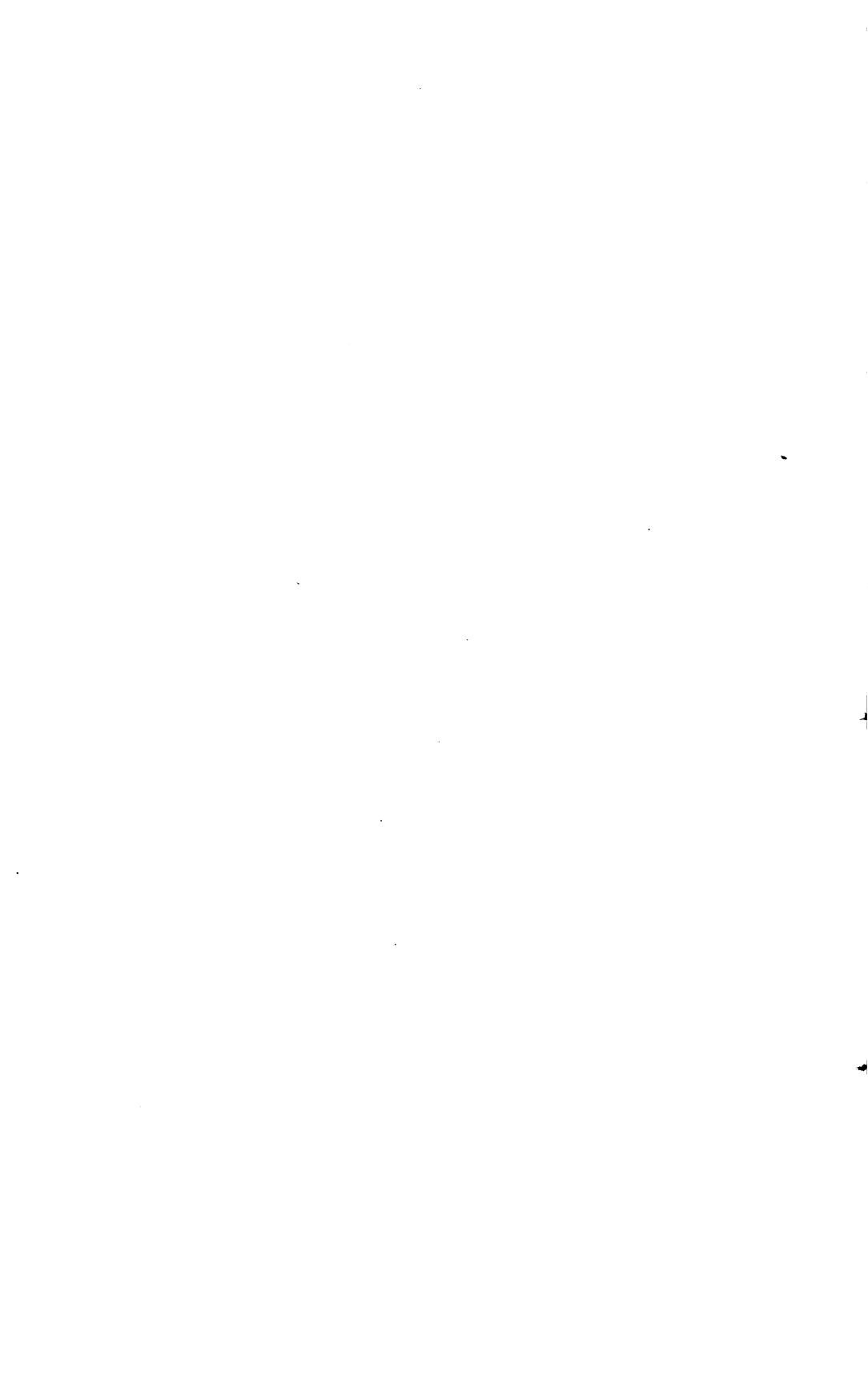
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SEQUOIA SEMPERVIRENS ENDL.





SEQUOIA SEMPERVIRENS ENDL.

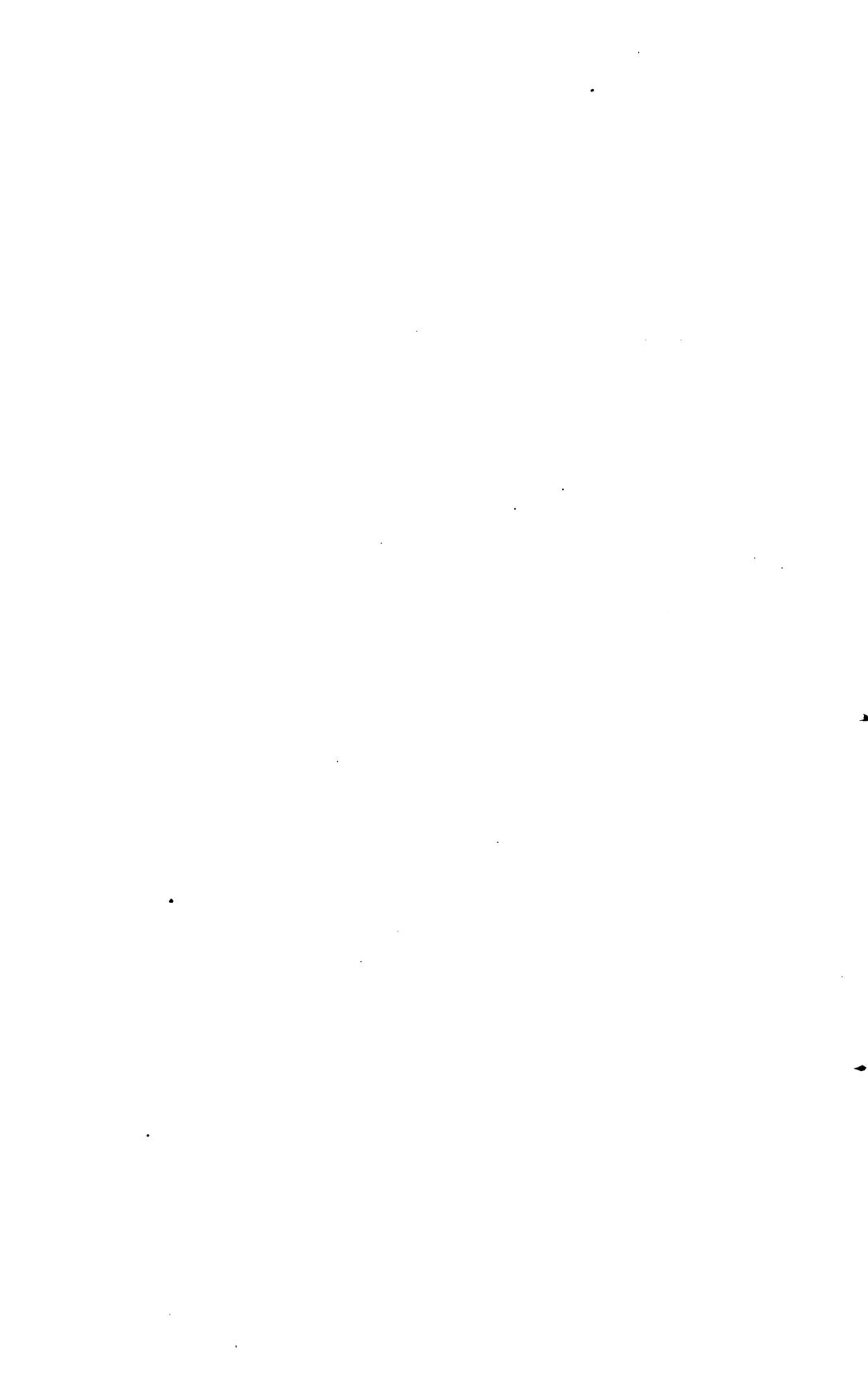
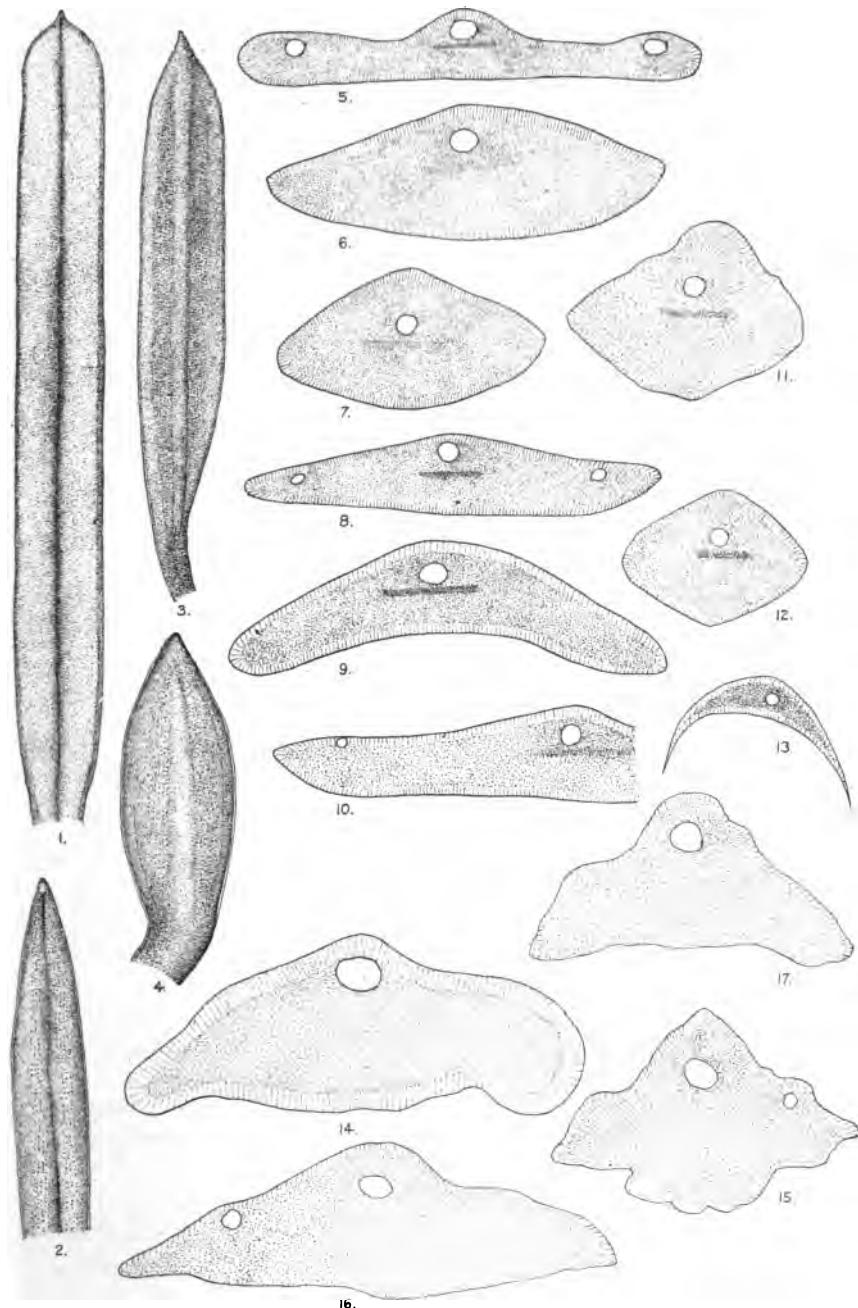
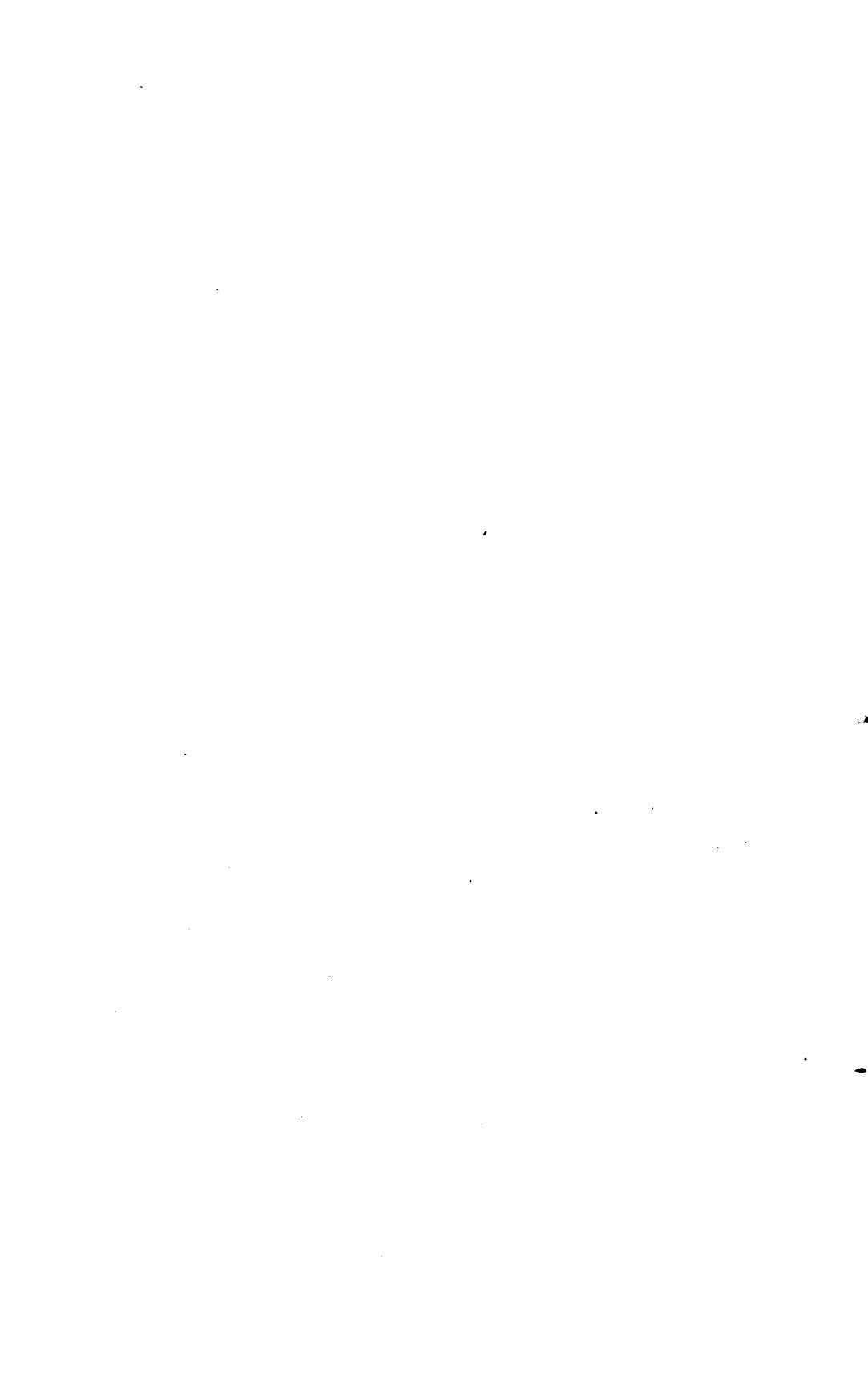
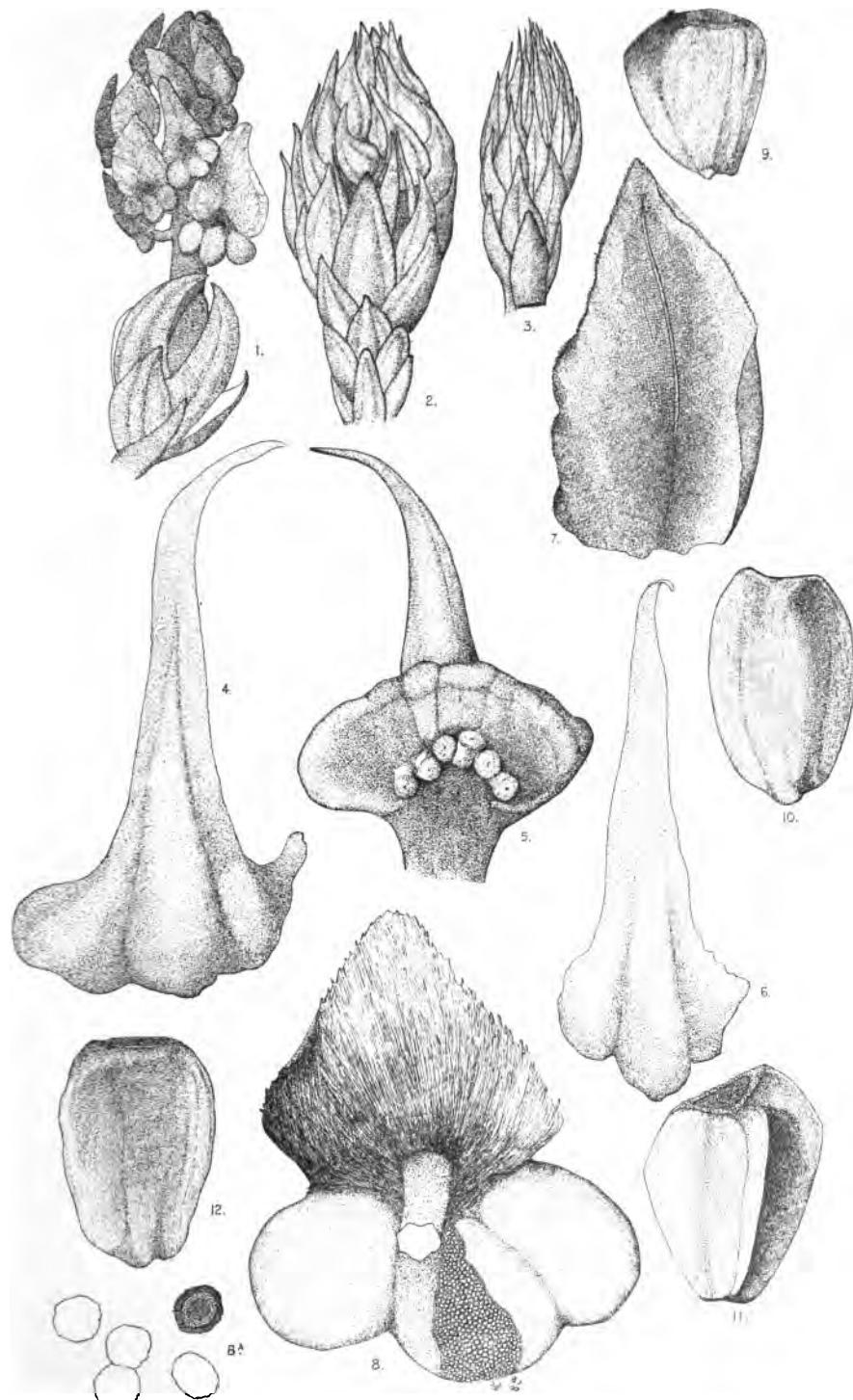


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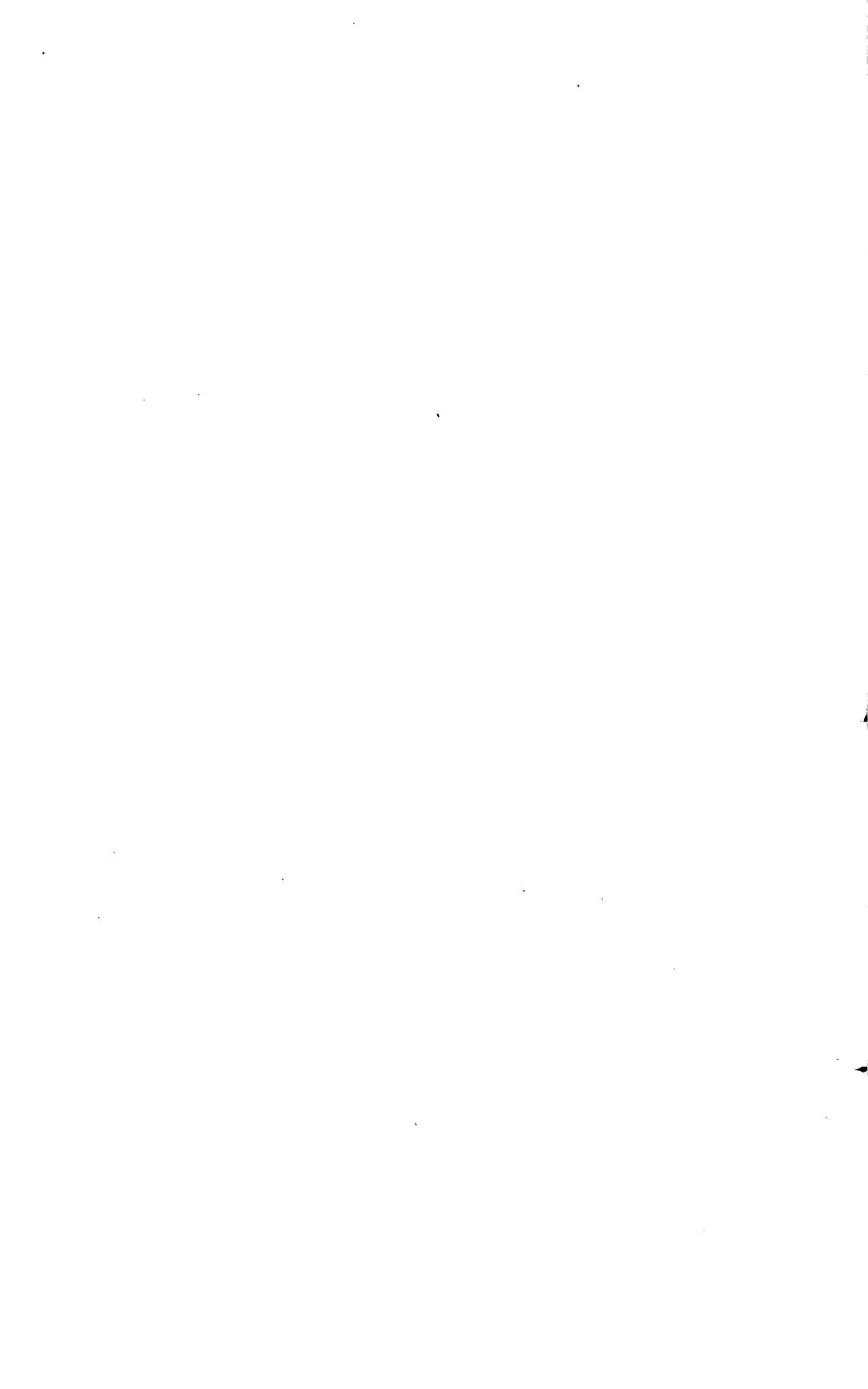


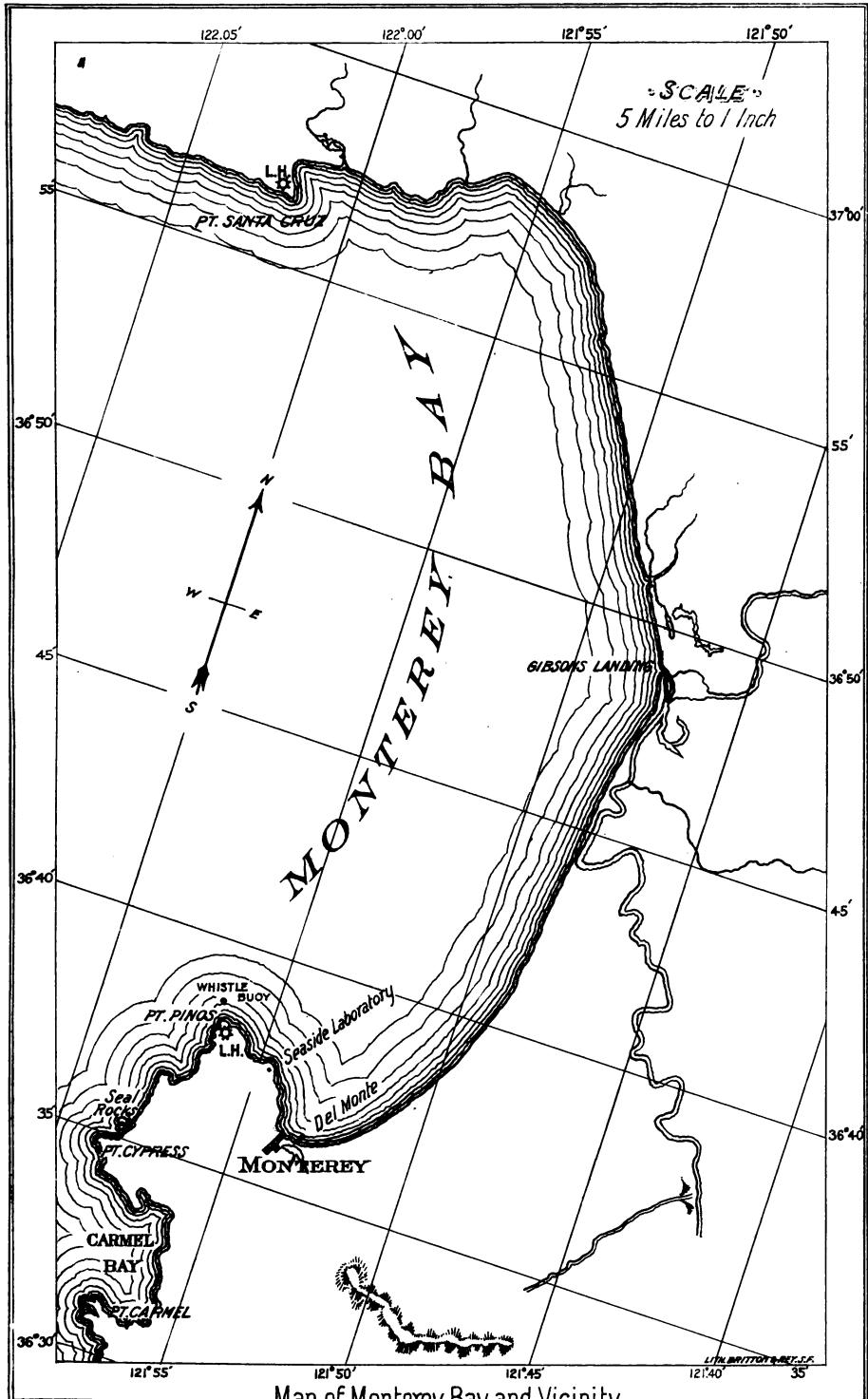
LEAVES, SECTIONS OF LEAVES AND SCALES OF SEQUOIA.



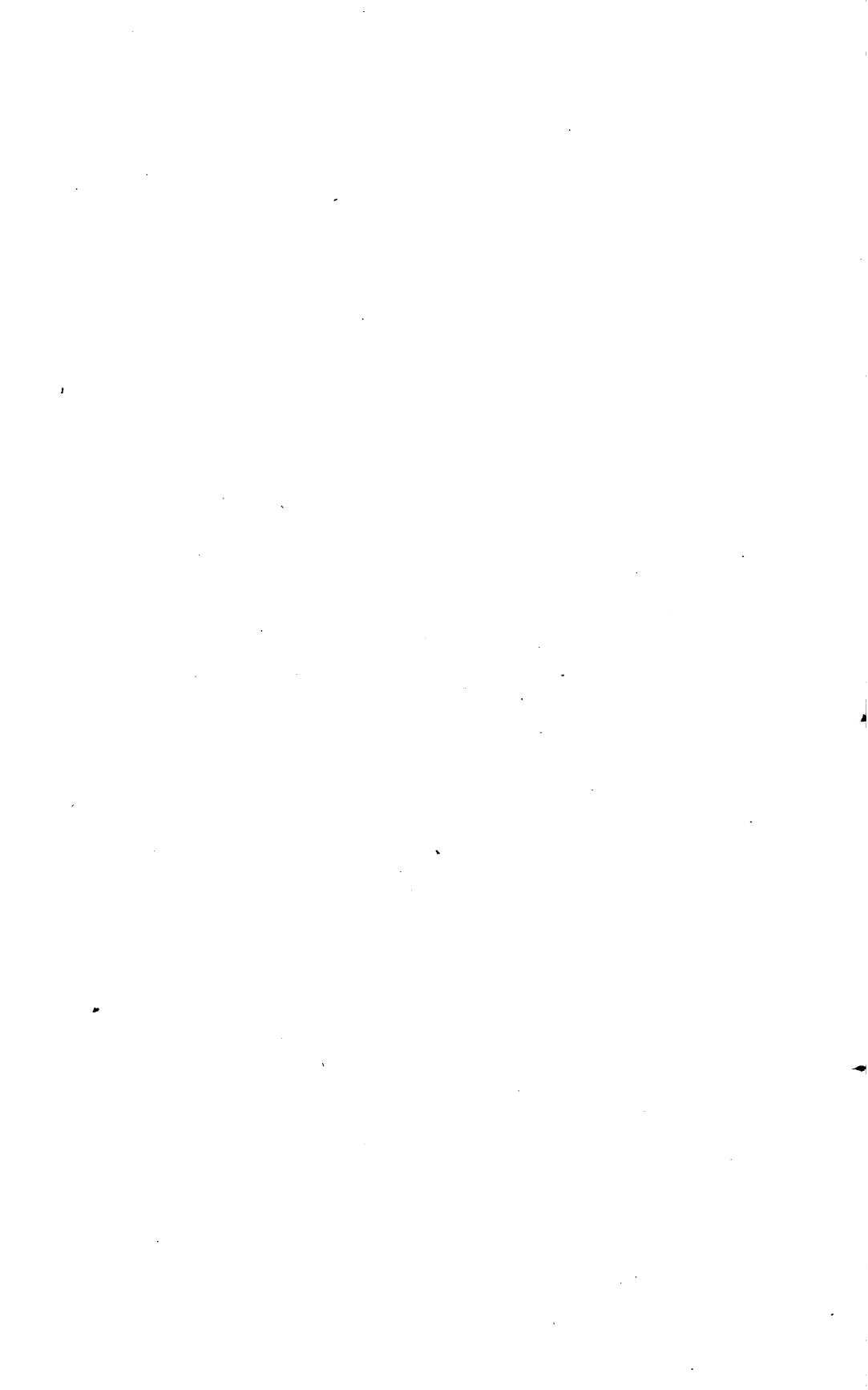


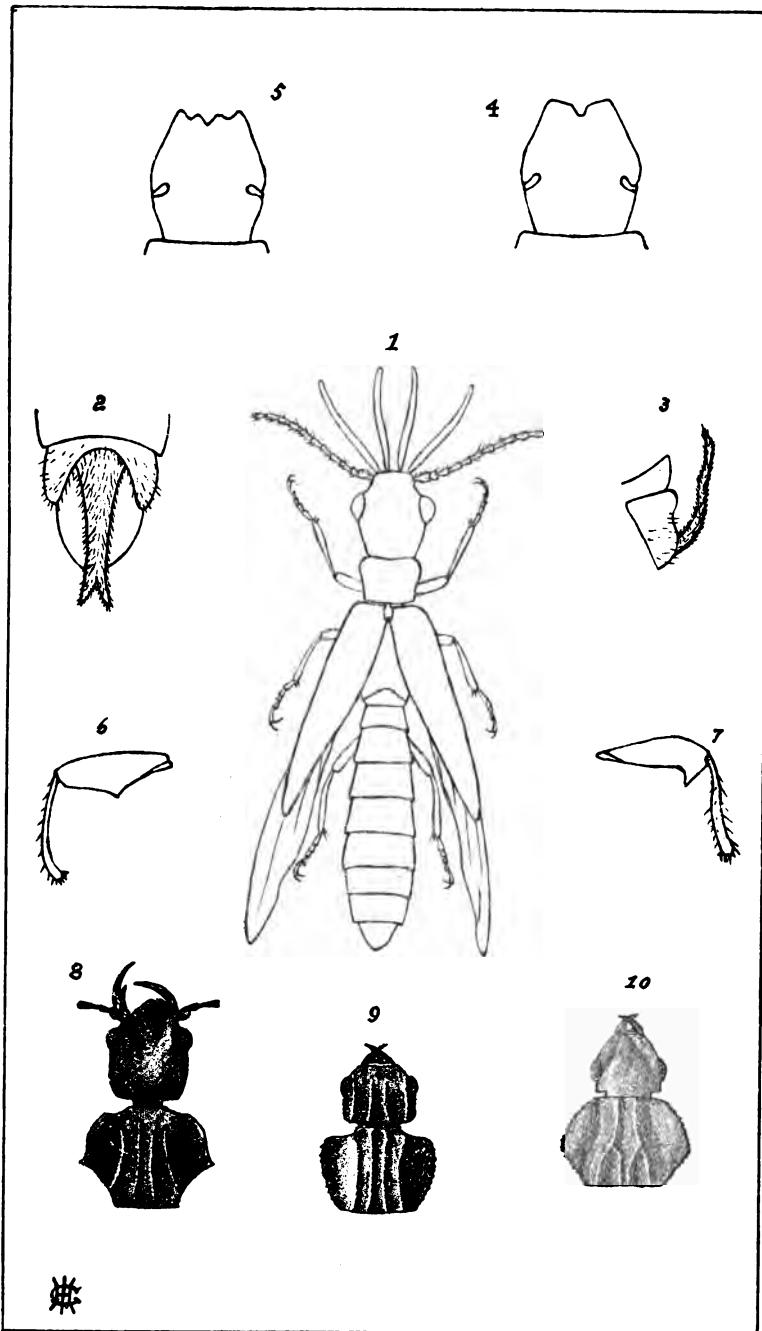
FLORAL ORGANS OF SEQUOIA.



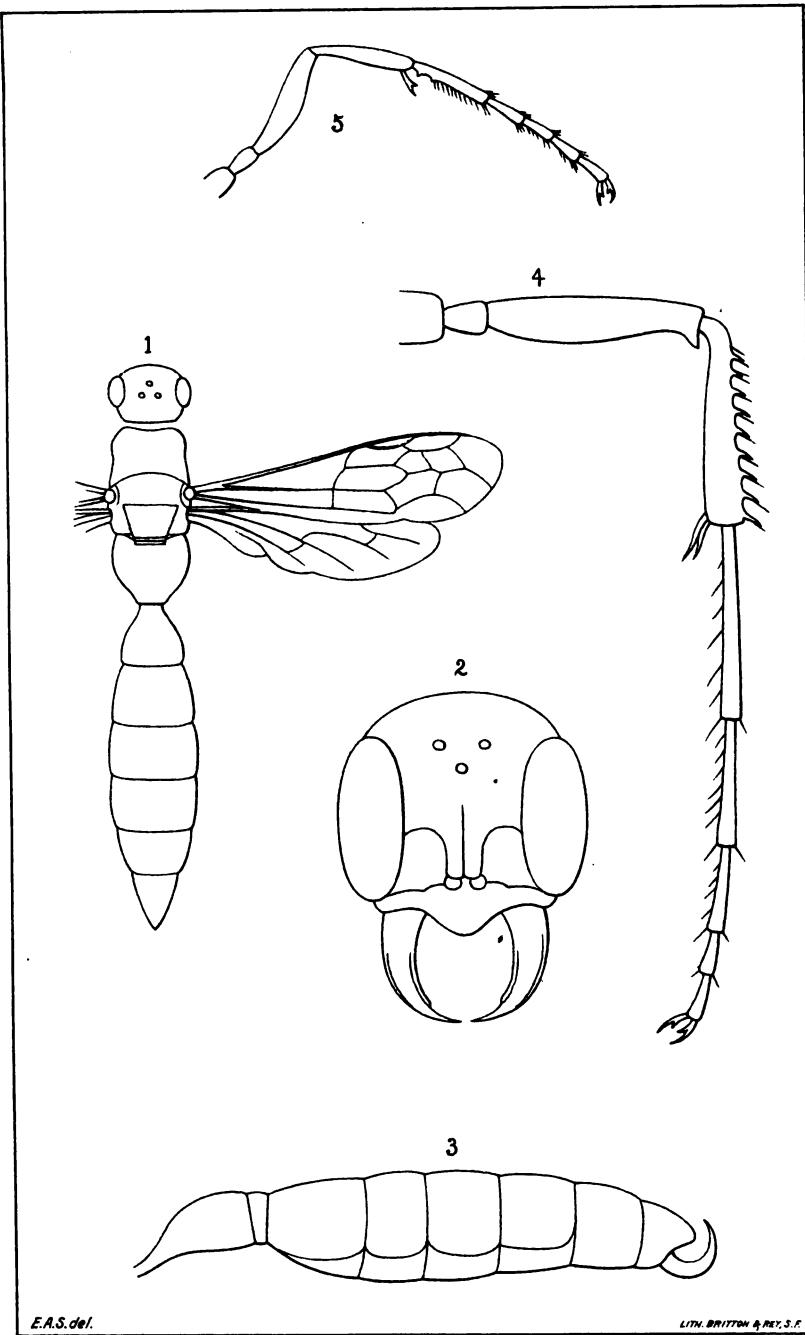


Map of Monterey Bay and Vicinity.

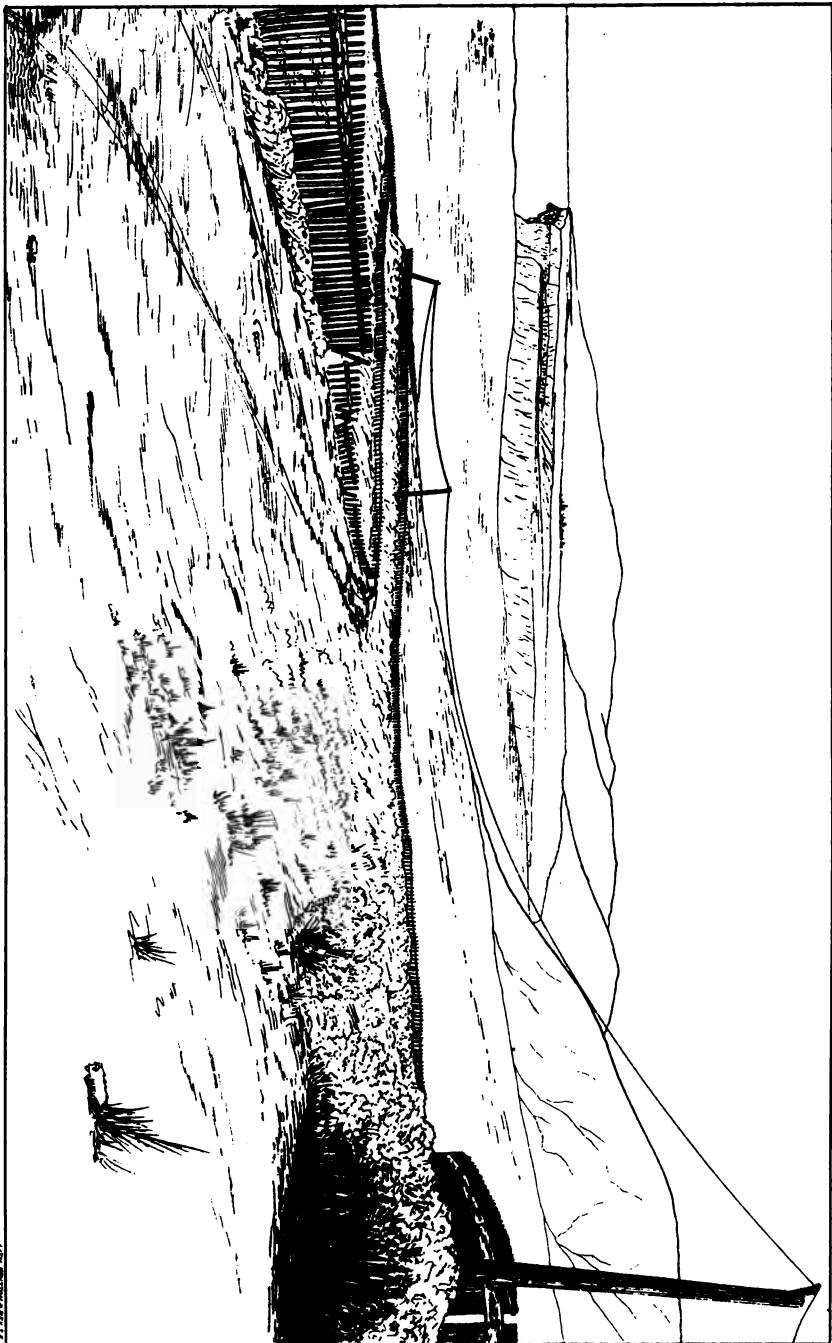












Raised Beach near Loberus — Quaternary overlying Merced strata.

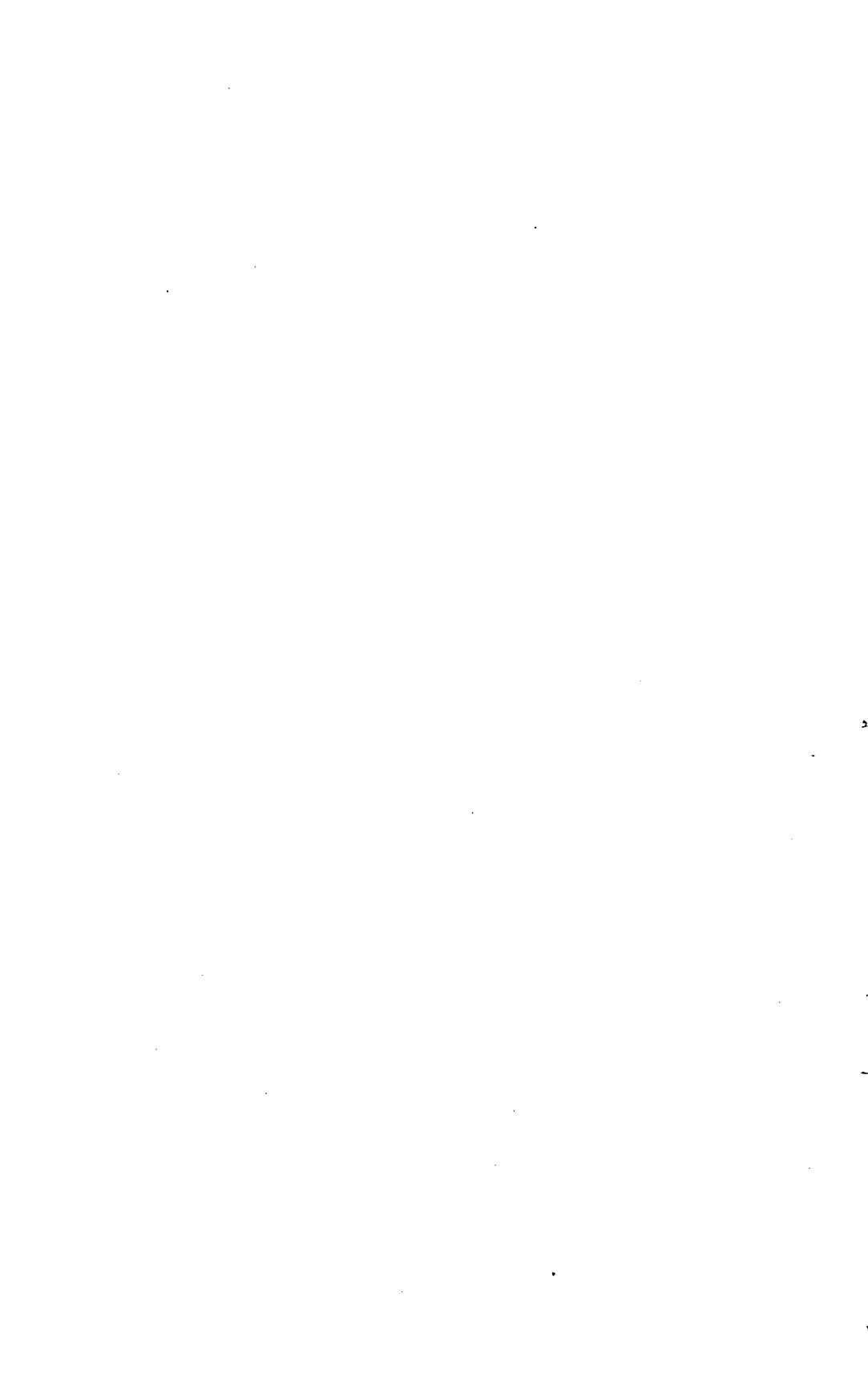
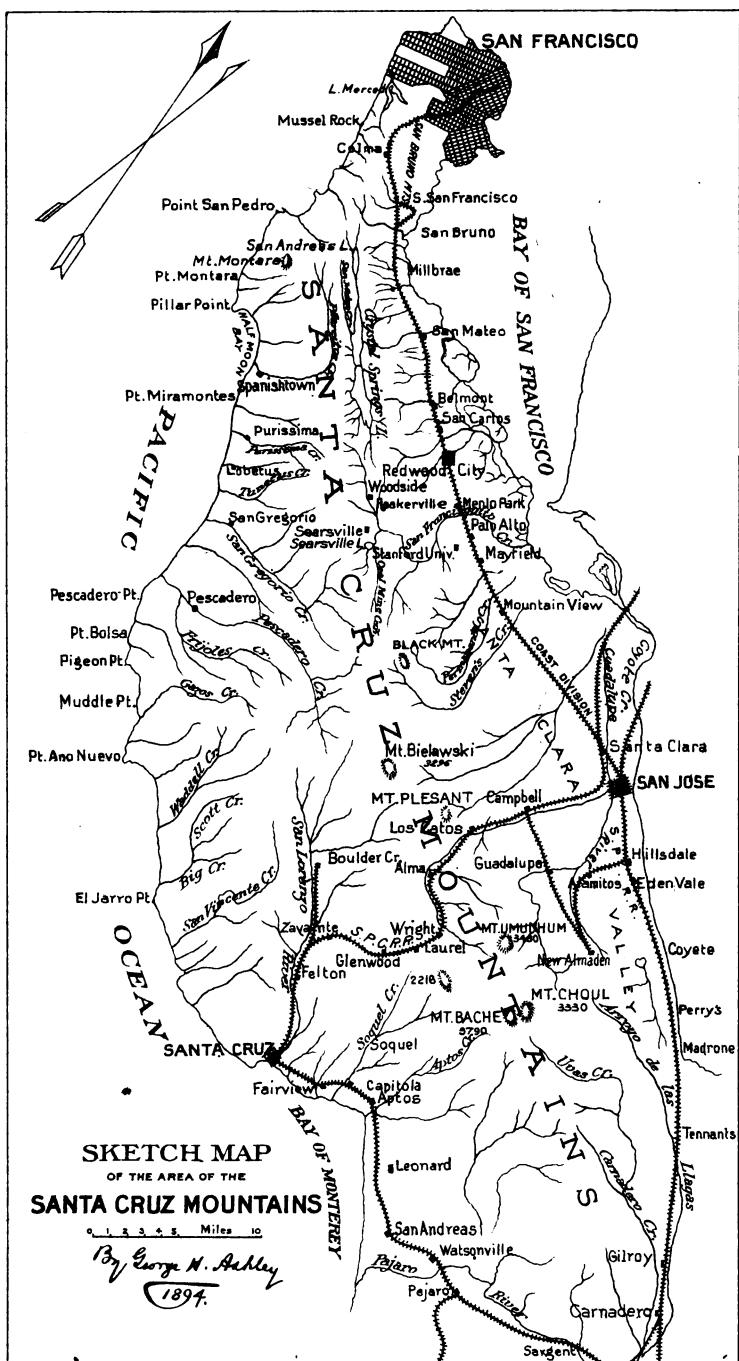
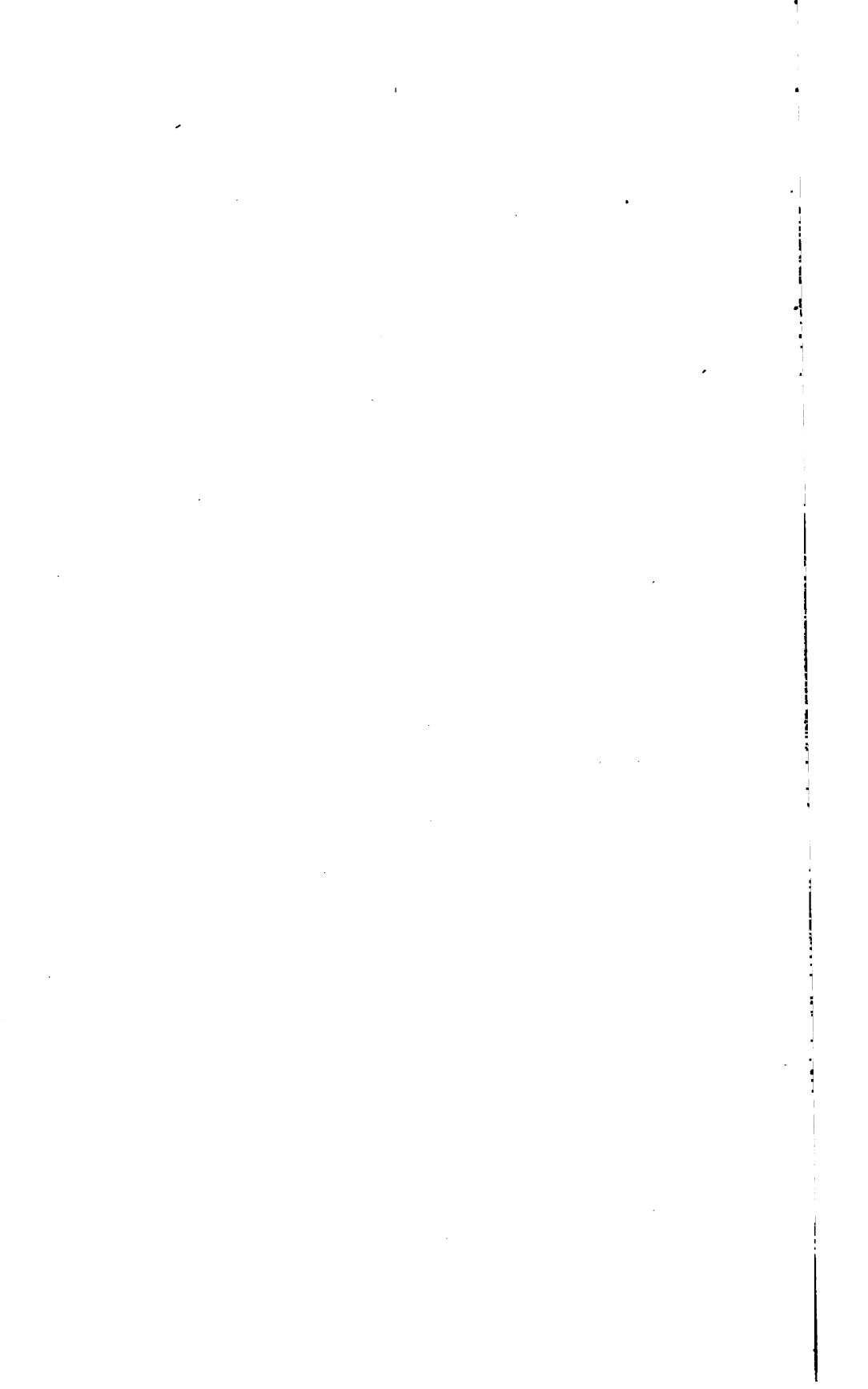


PLATE XXIII.





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PLATE XXV.



Mussel Rock from the South, showing marine Pleistocene (a), overlying sand dunes (c), and igneous rocks (b).

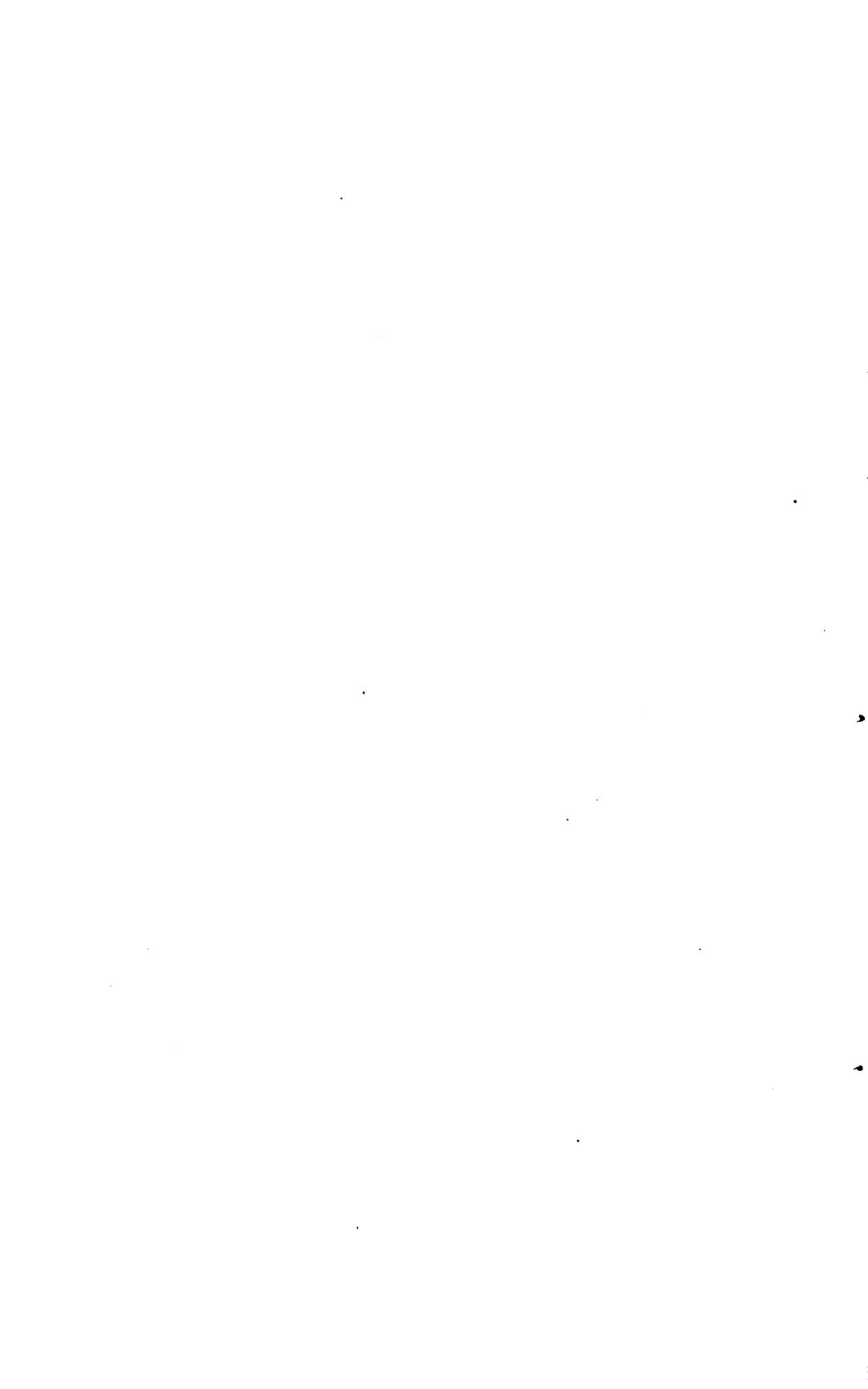
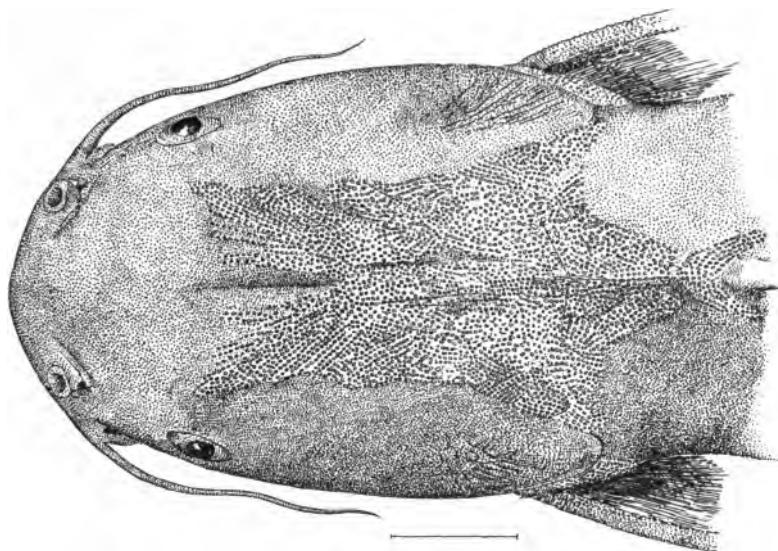
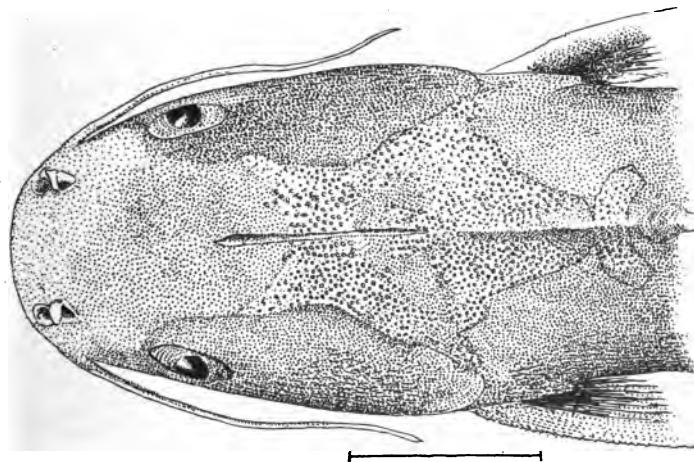


PLATE XXVII



GALEICHTHYS AZUREUS.

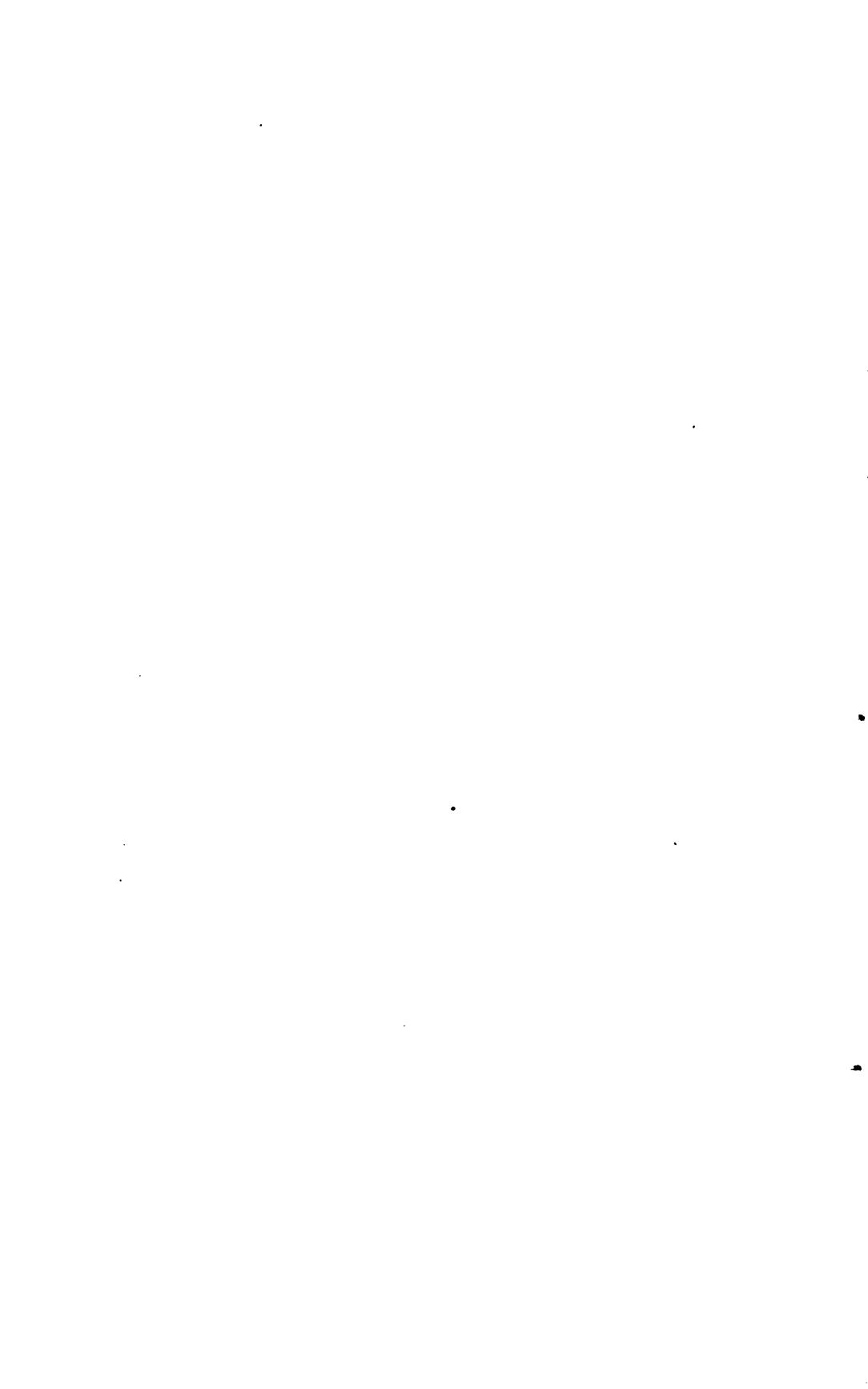
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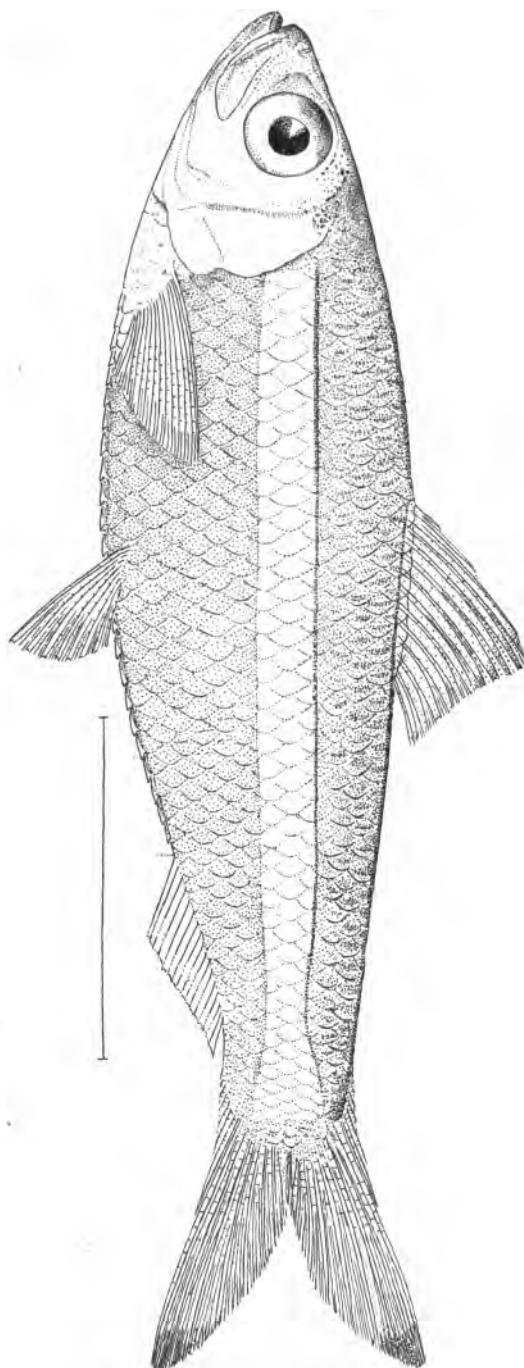


GALEICHTHYS GILBERTI.

Anna L Brown Dec.

LITH. BRITTON & ROY, N.Y.





SARDINELLA STOLIFERA.

Anna L. Brown, Del.

LITH. BRITTON & REY, JR.

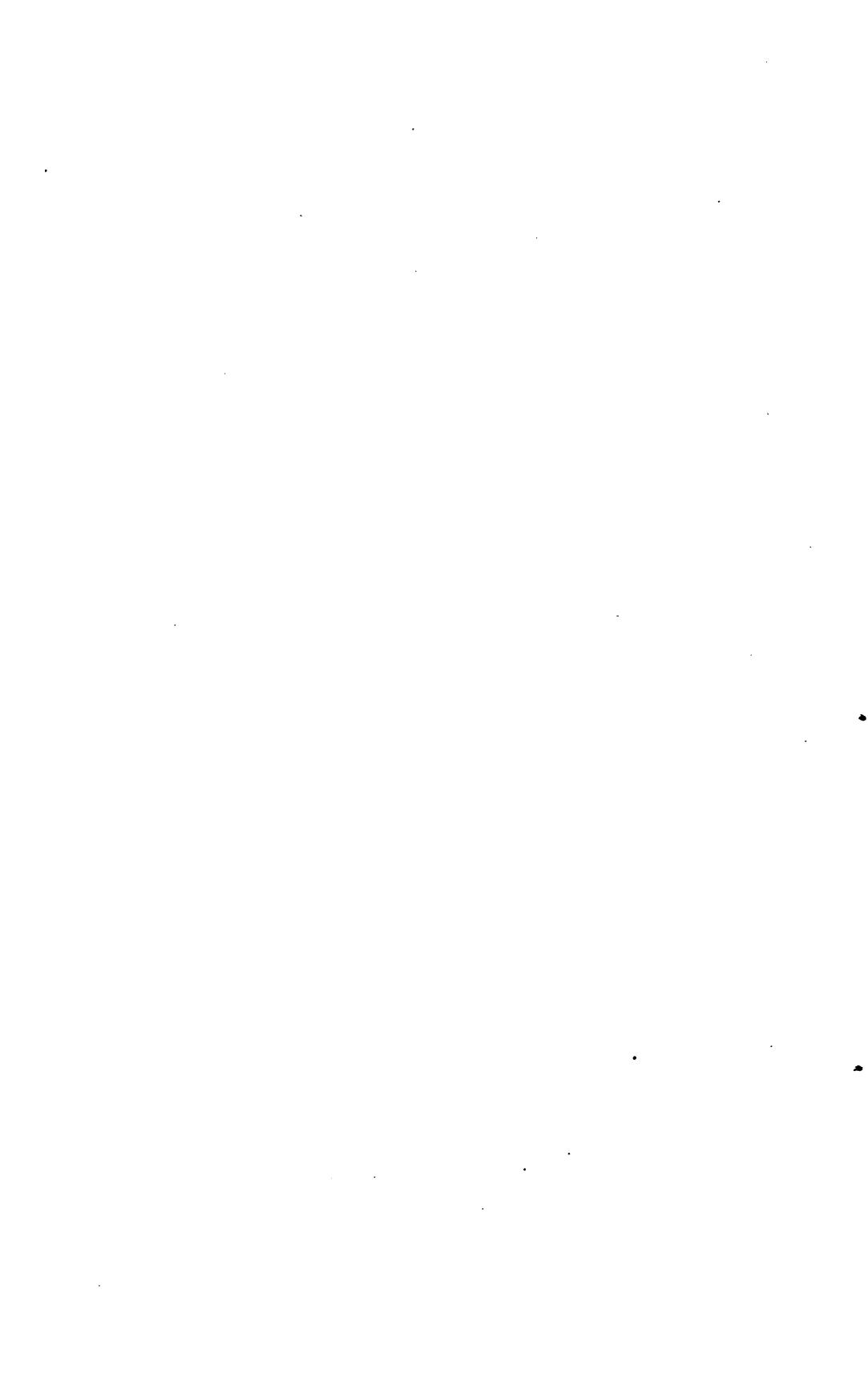
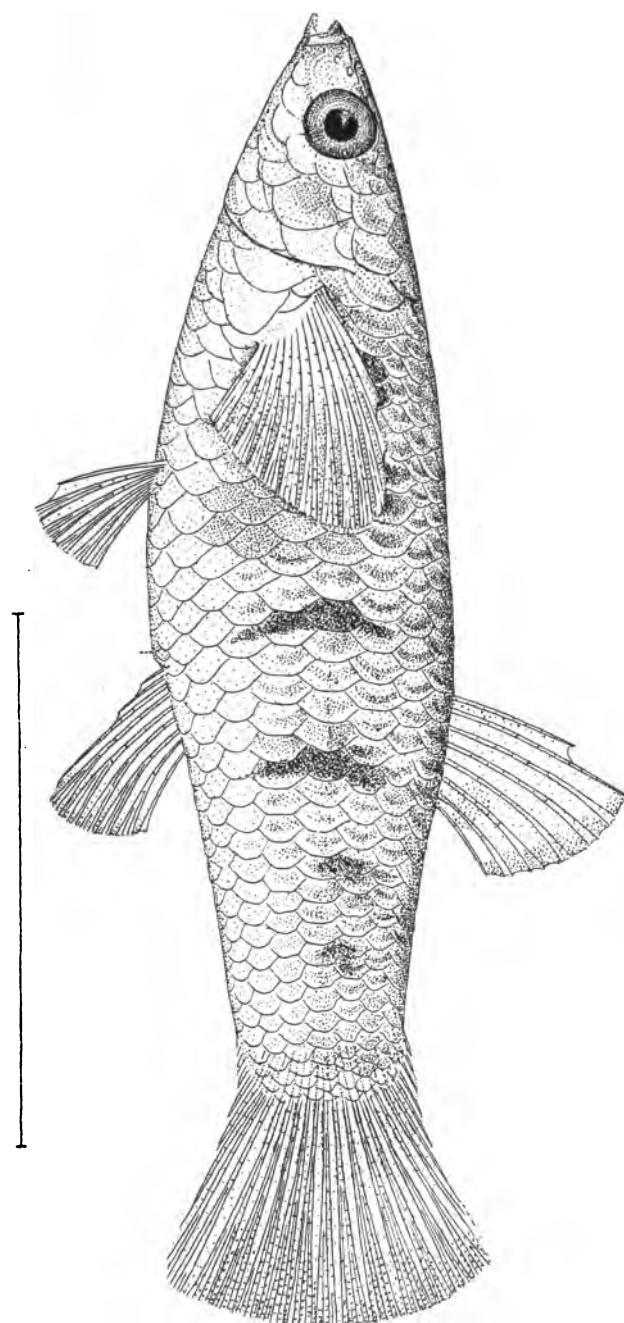


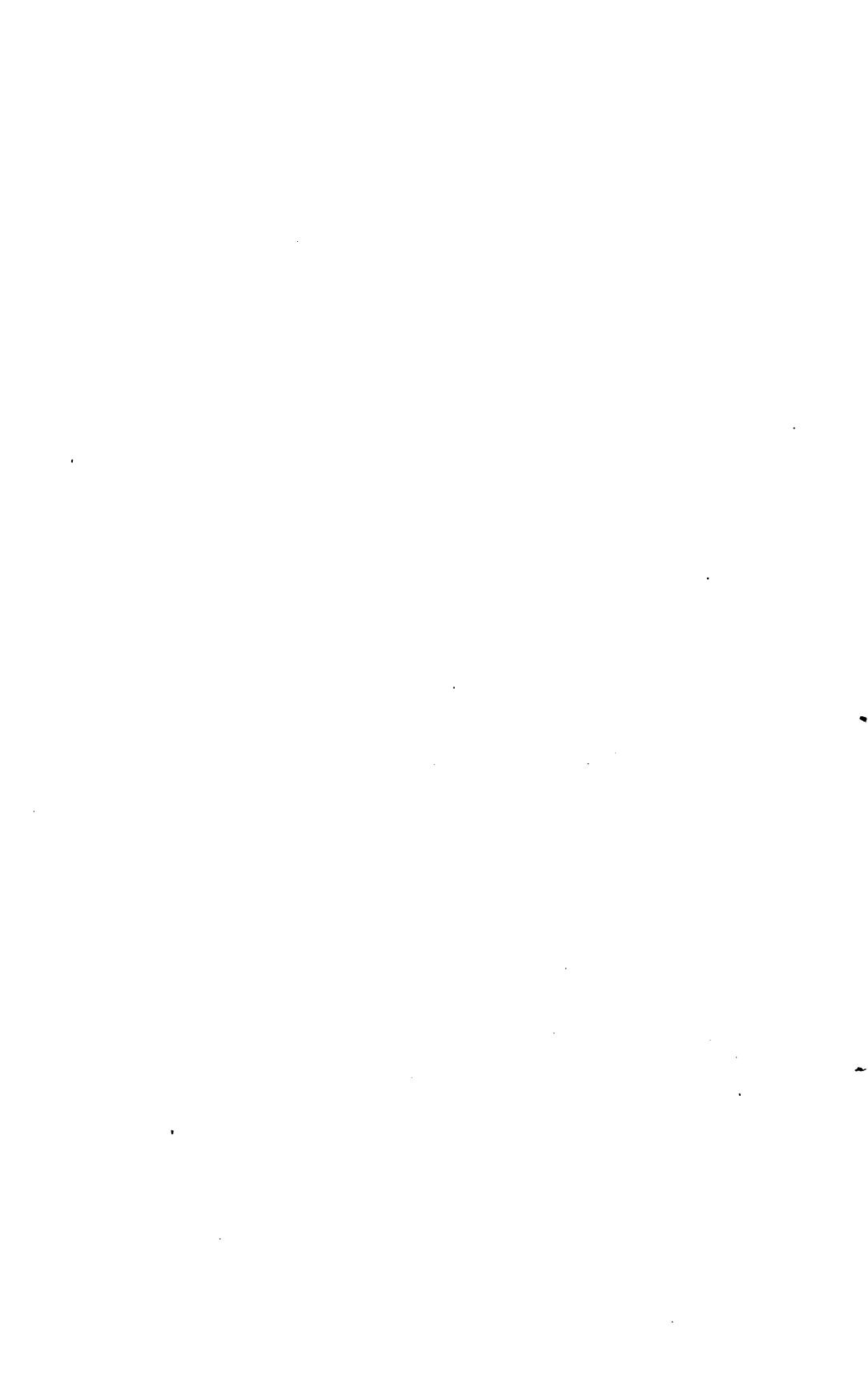
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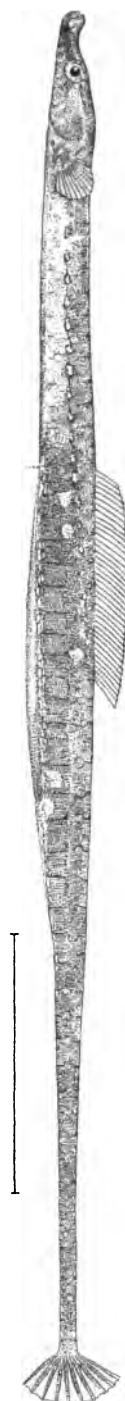


POECILIA PRESIDIONIS.

Anna L. Brown, Dux.

LITH. BRUTON & REY, SF.

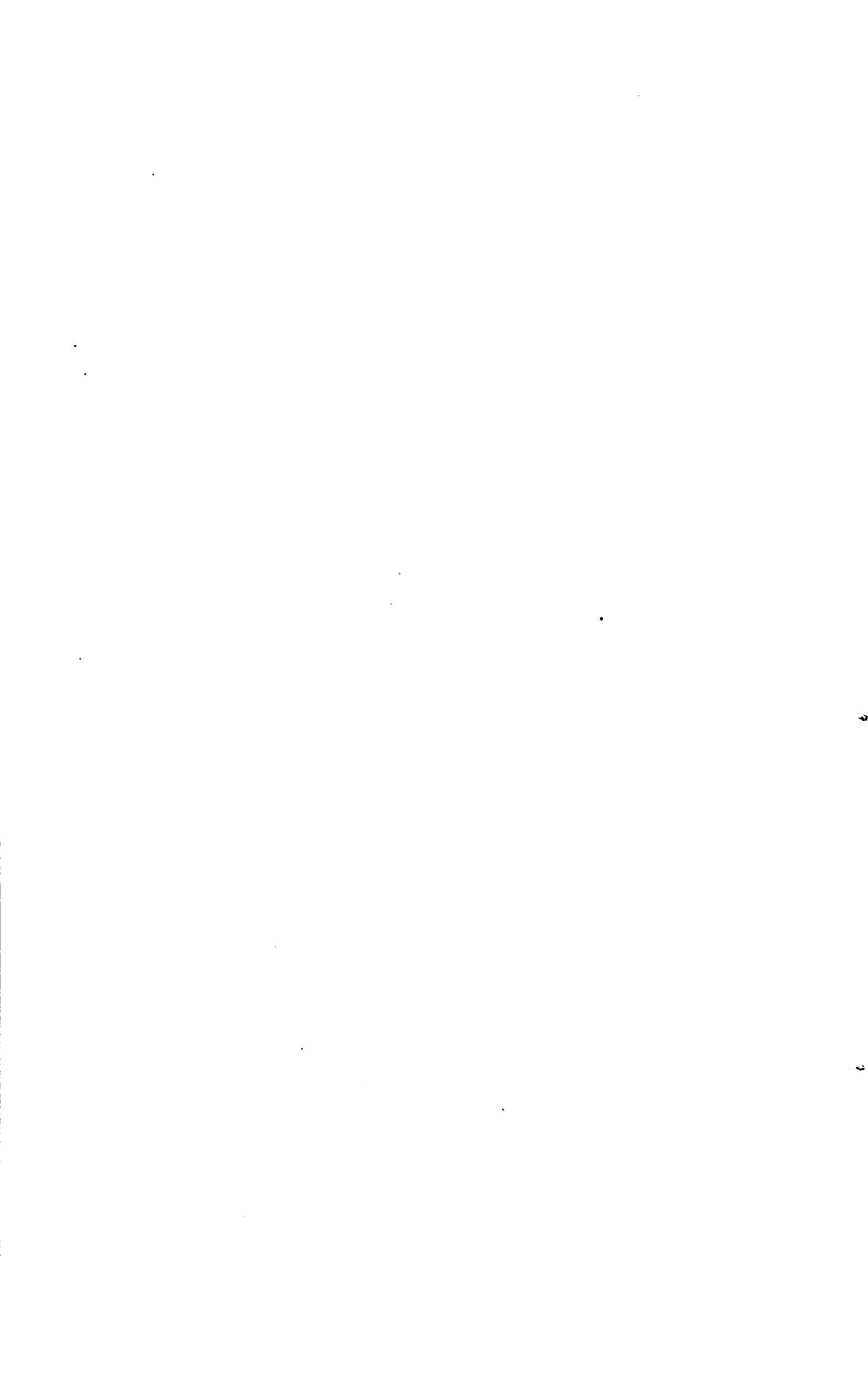


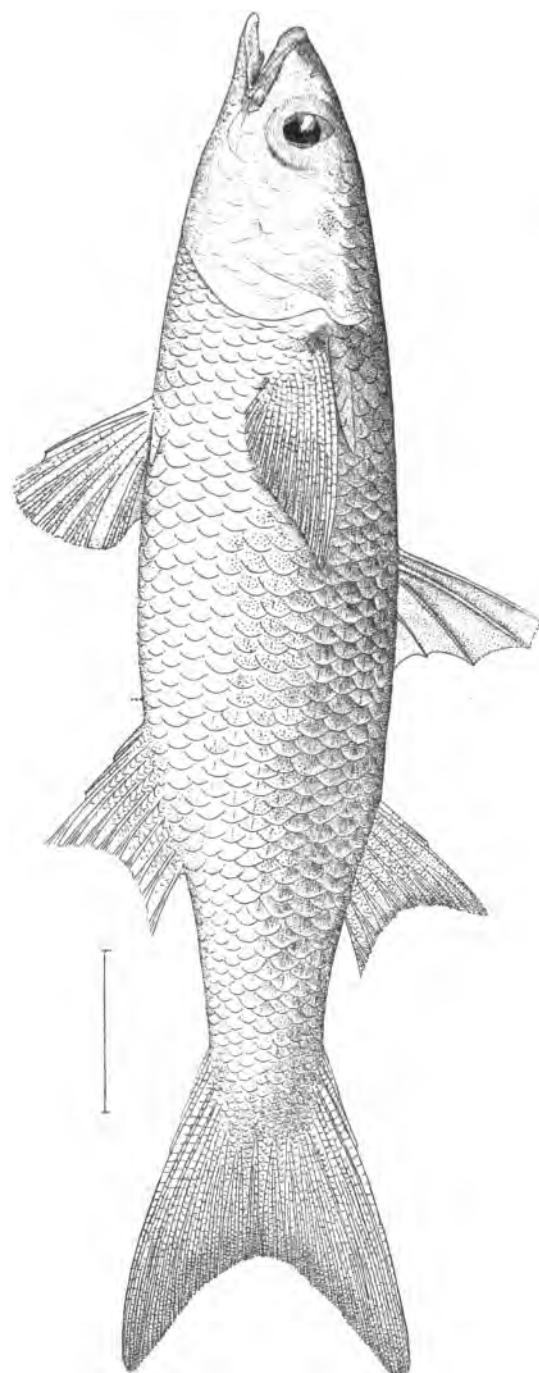


SIPHOSTOMA STARKSII.

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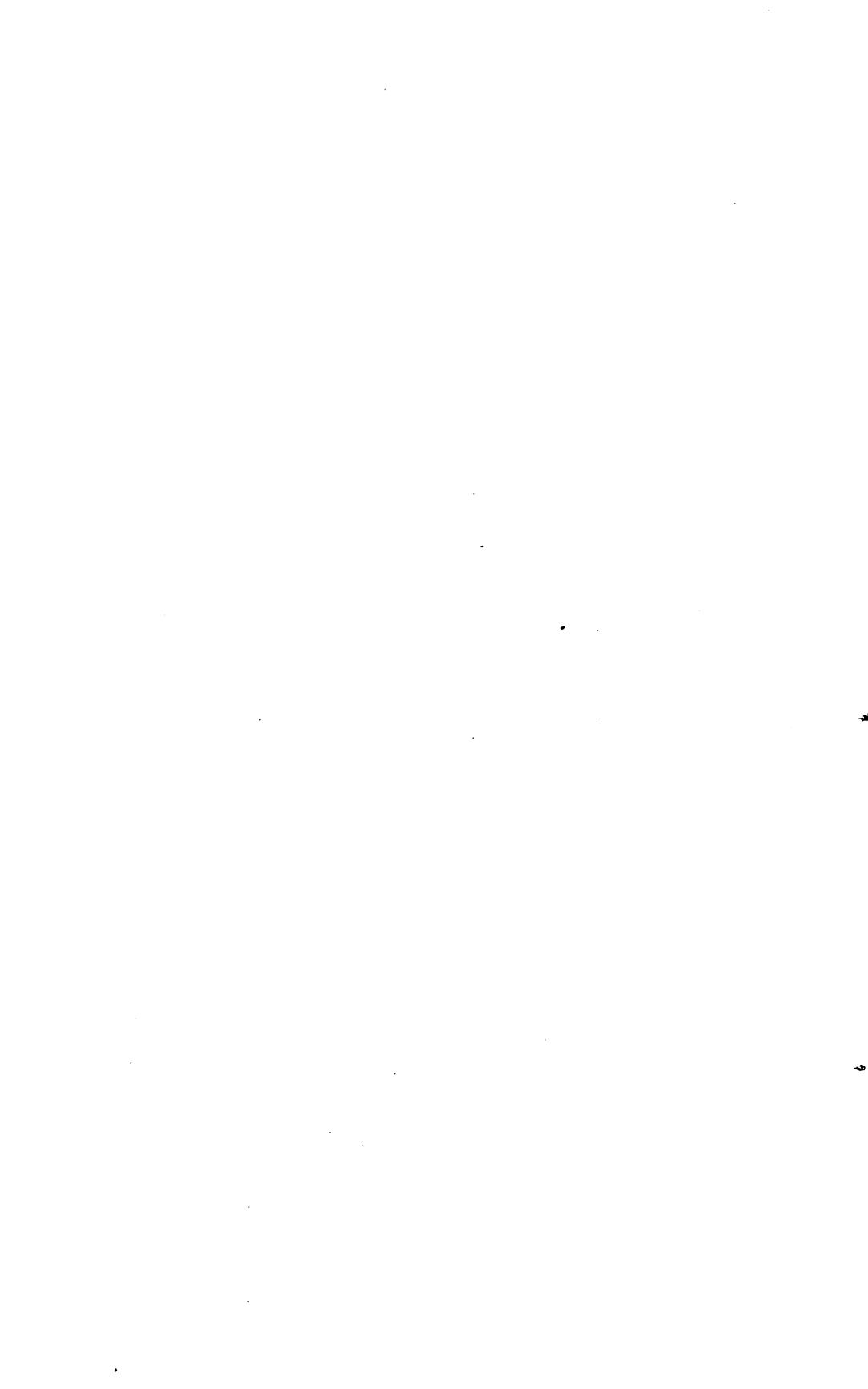


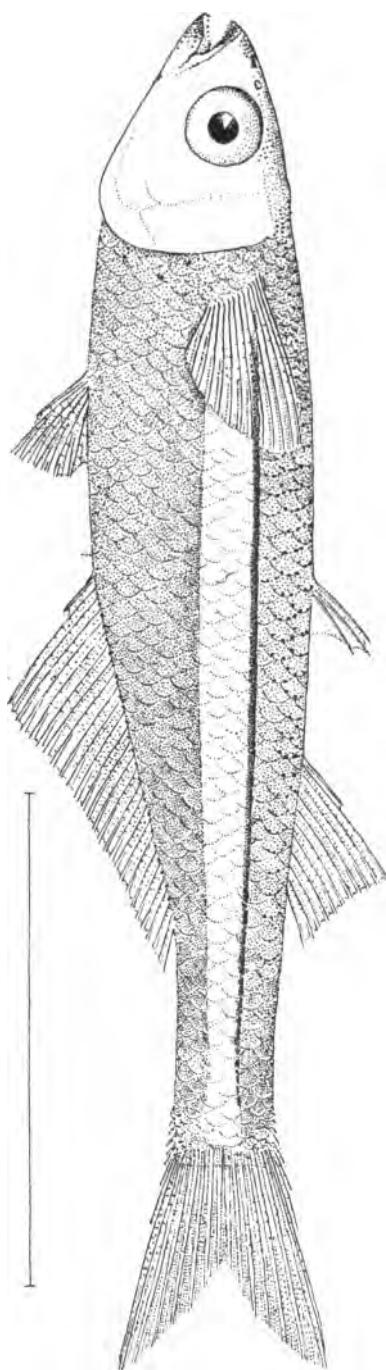


MUGIL HOSPES.

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LITH. BRITTON & CO.

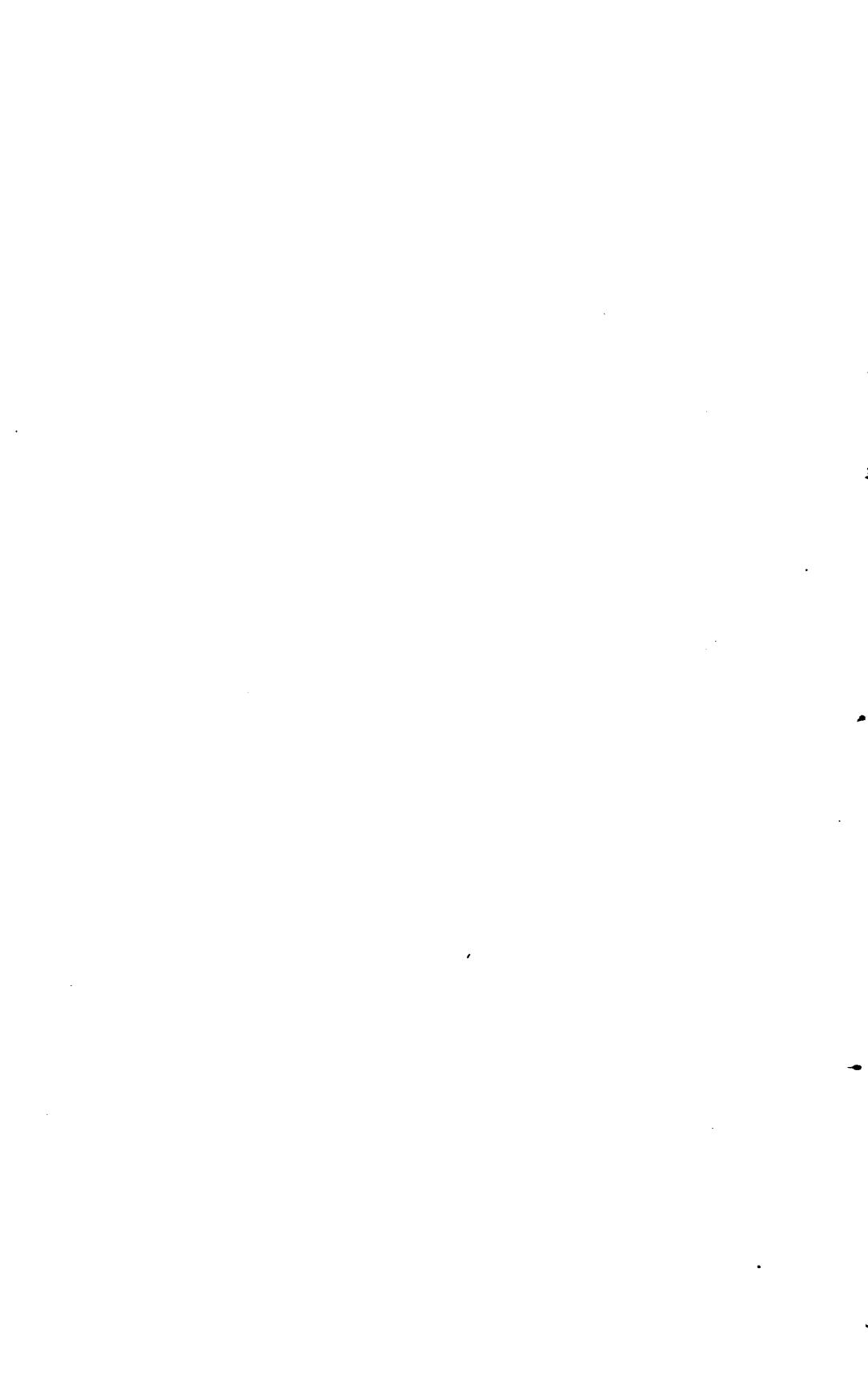


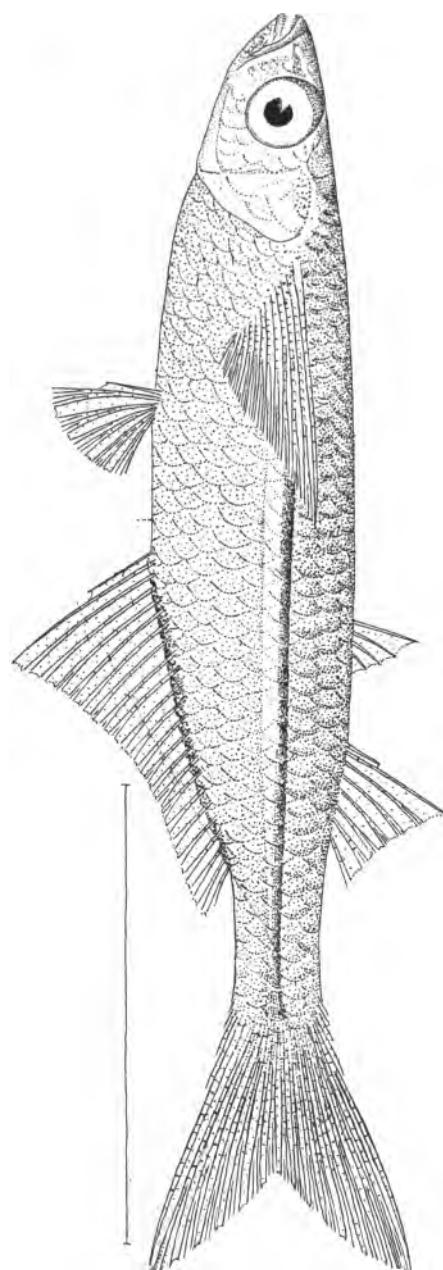


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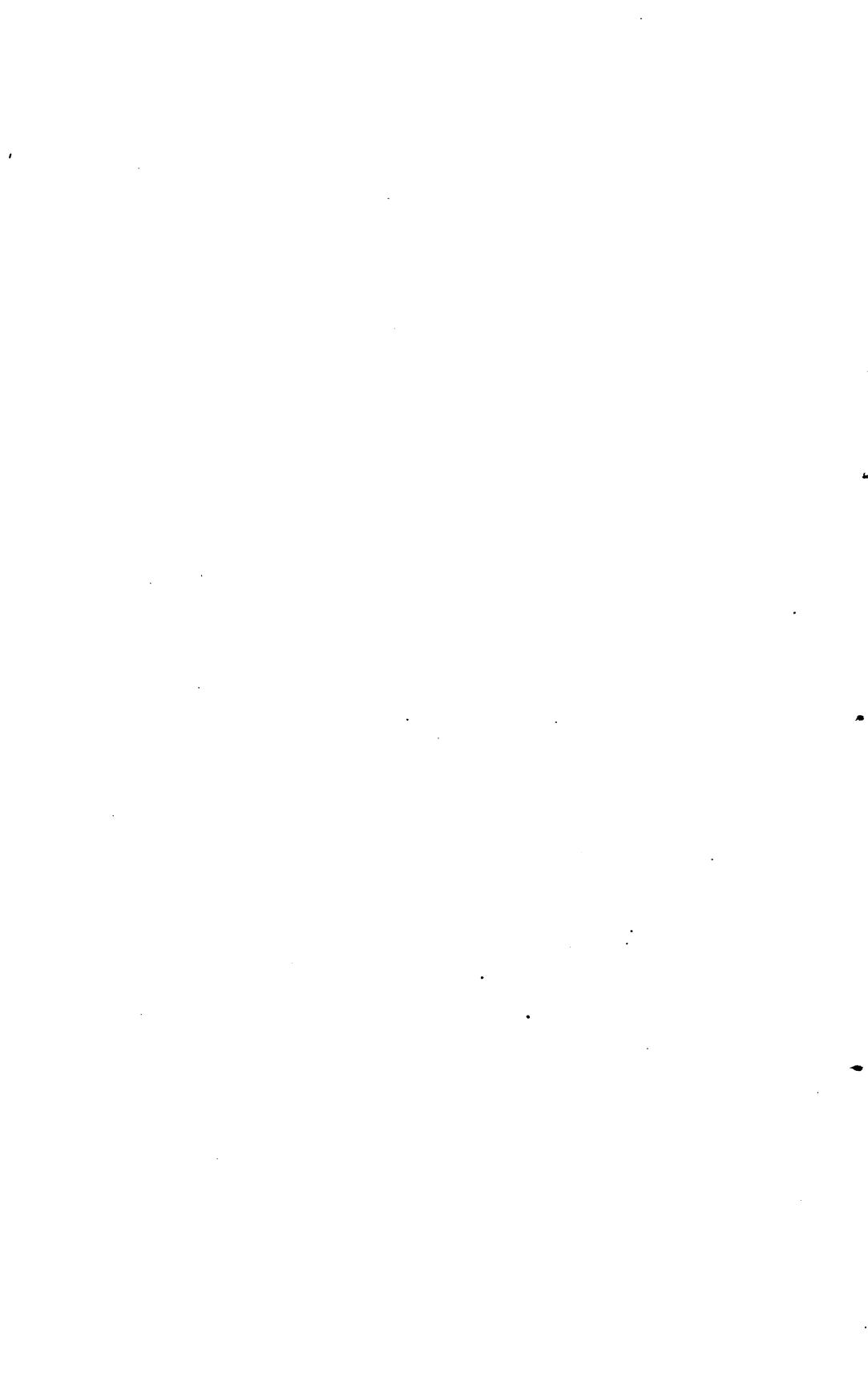


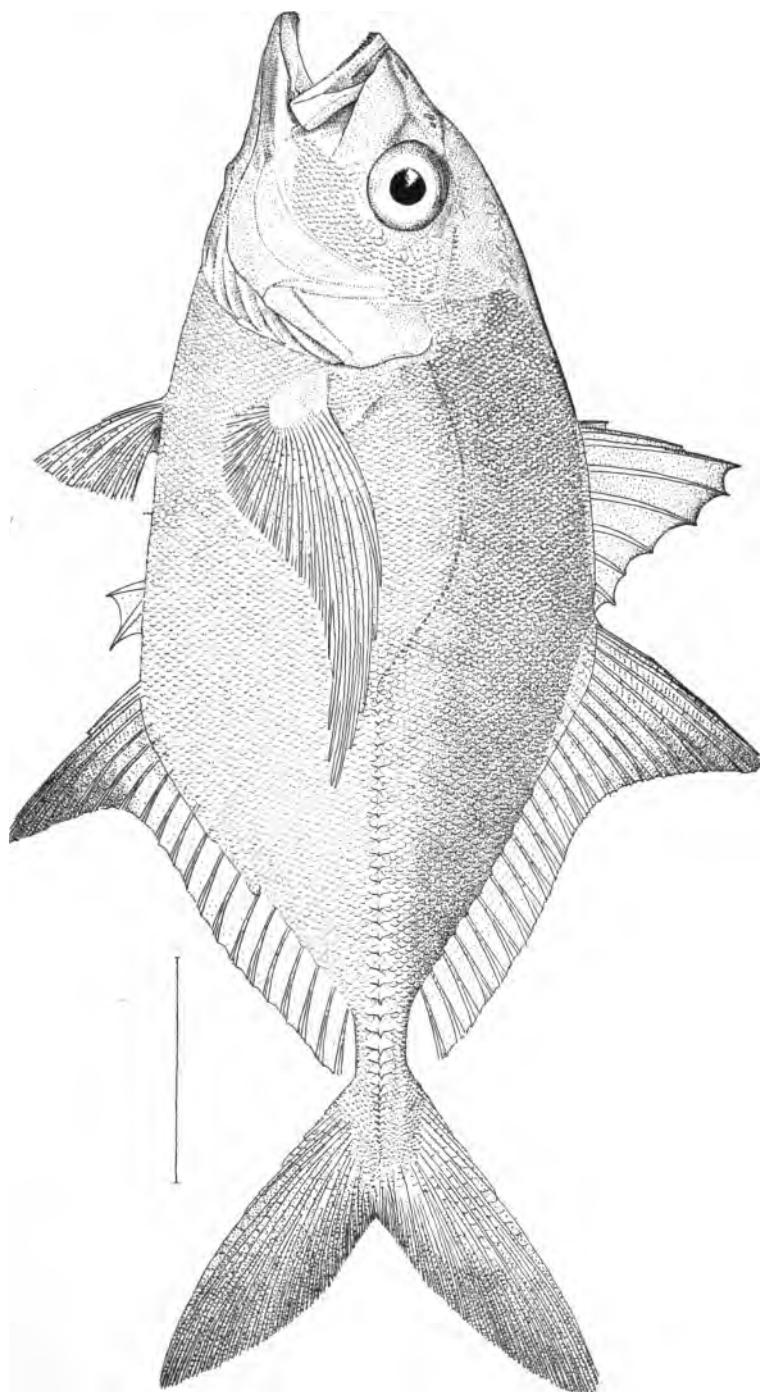


THYRINA EVERMANNI.

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LITH. J. MOTTON & REED.

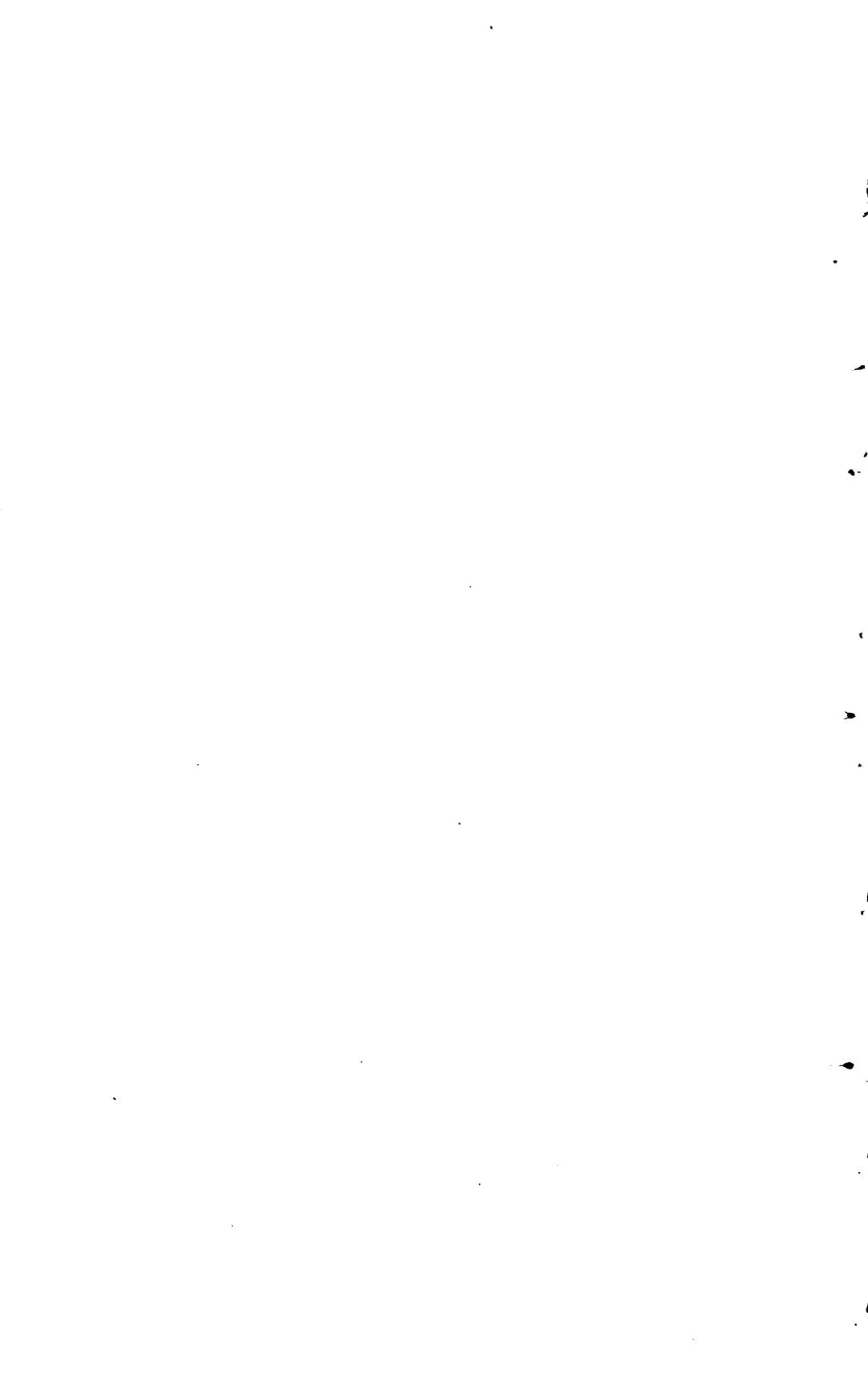


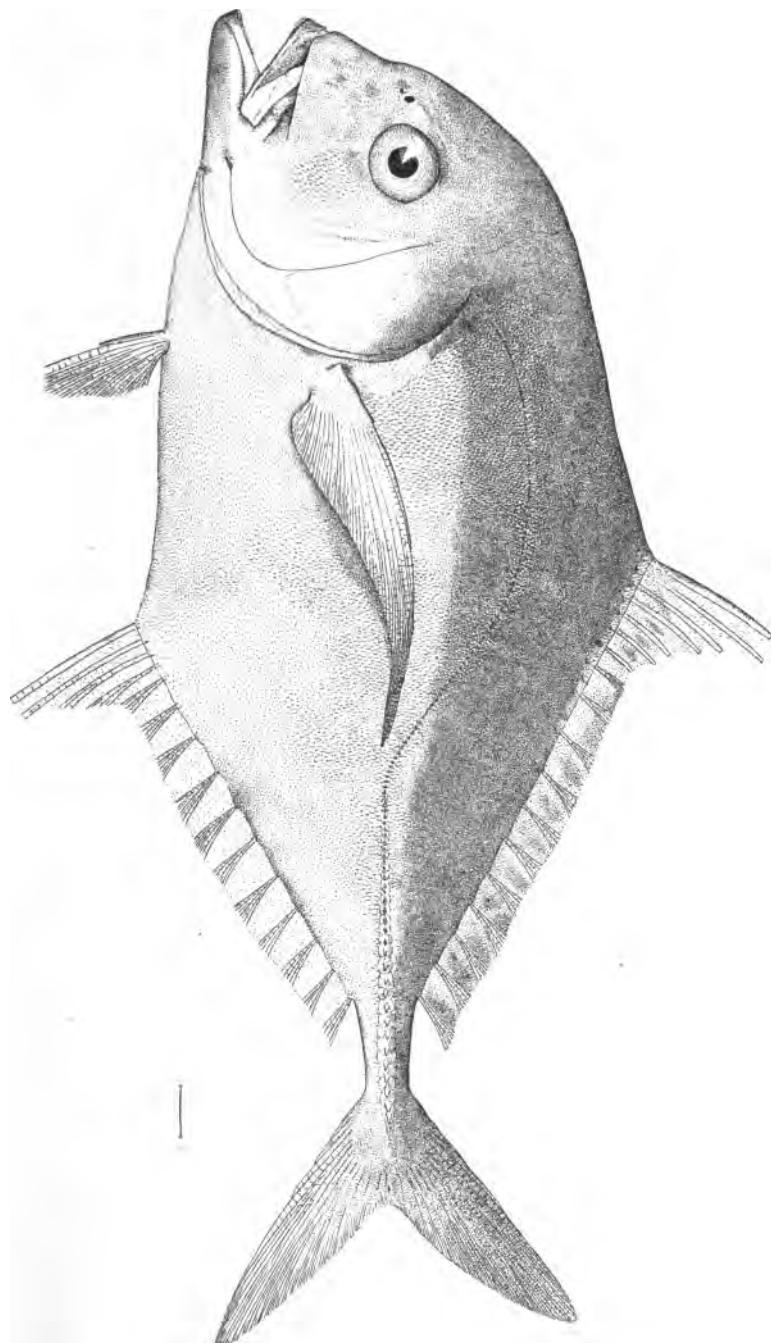


CARANX MEDUSICOLA.

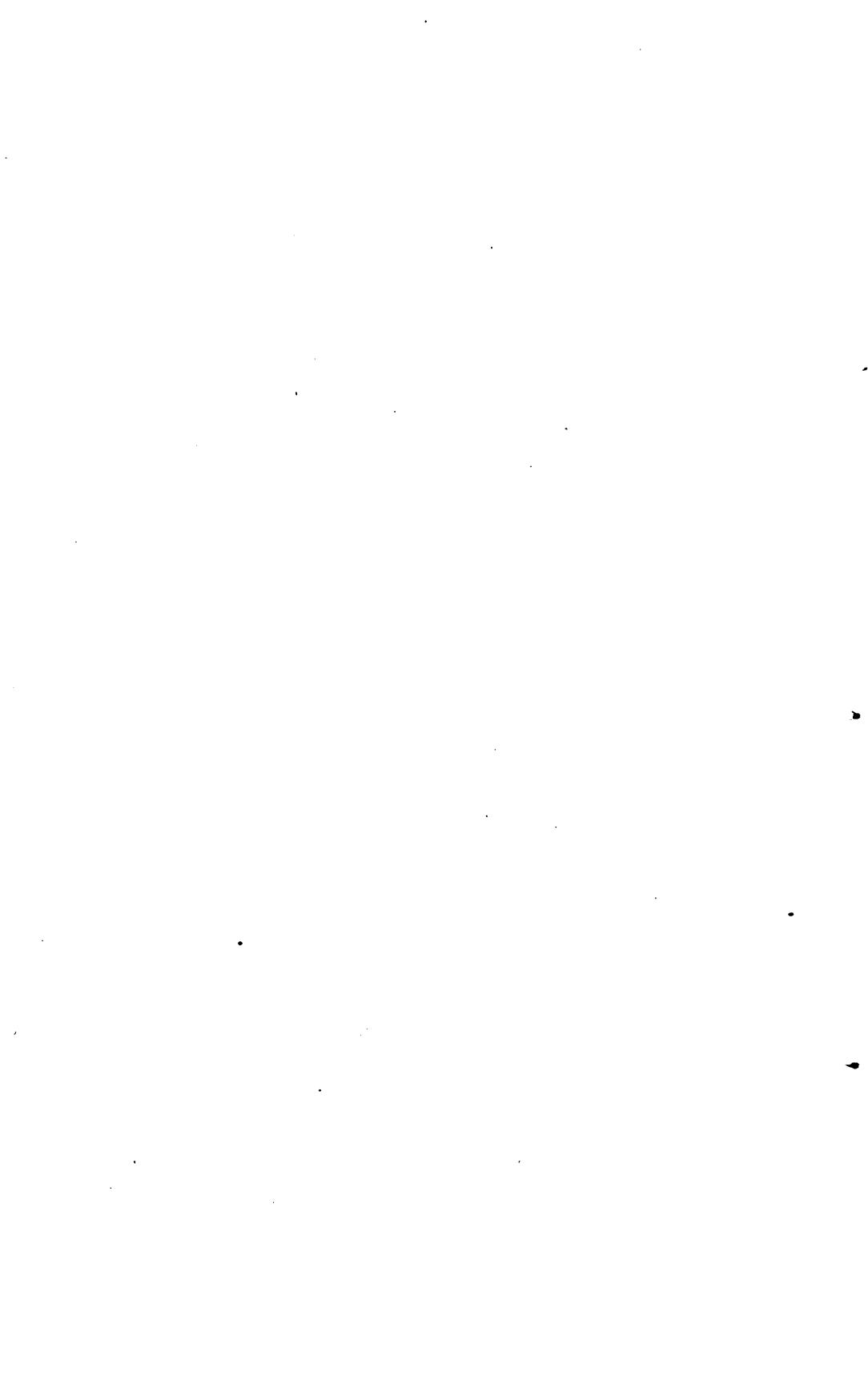
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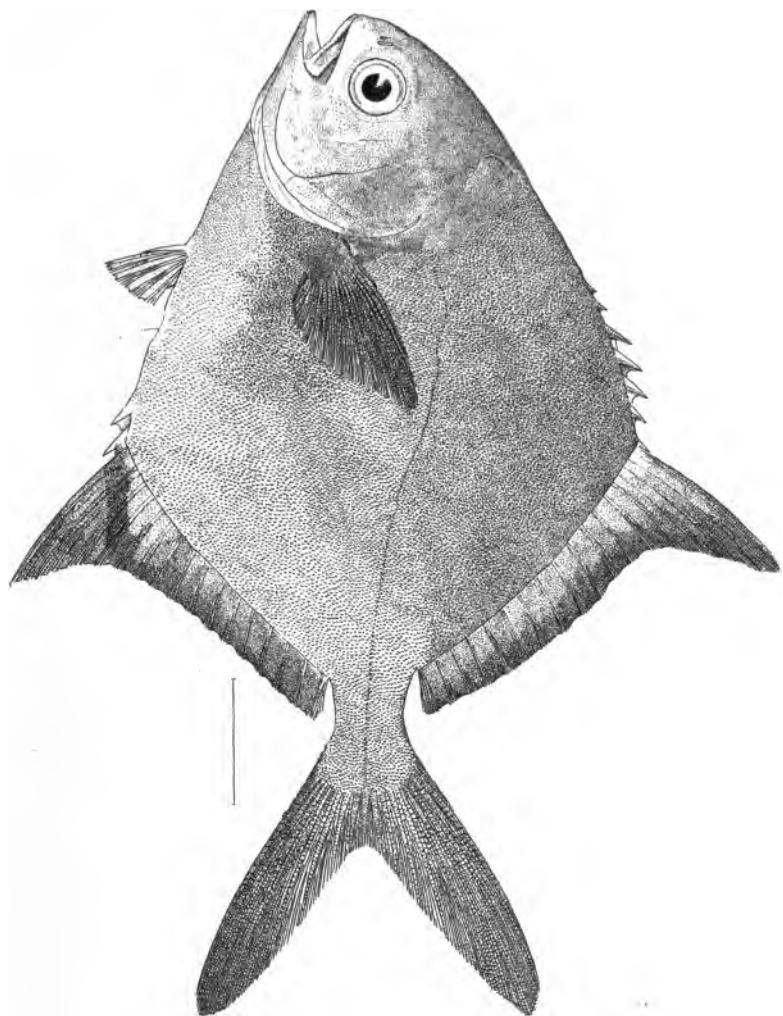
LITH. BRITTON & NAY, SR.





HYNNIS HOPKINSI.

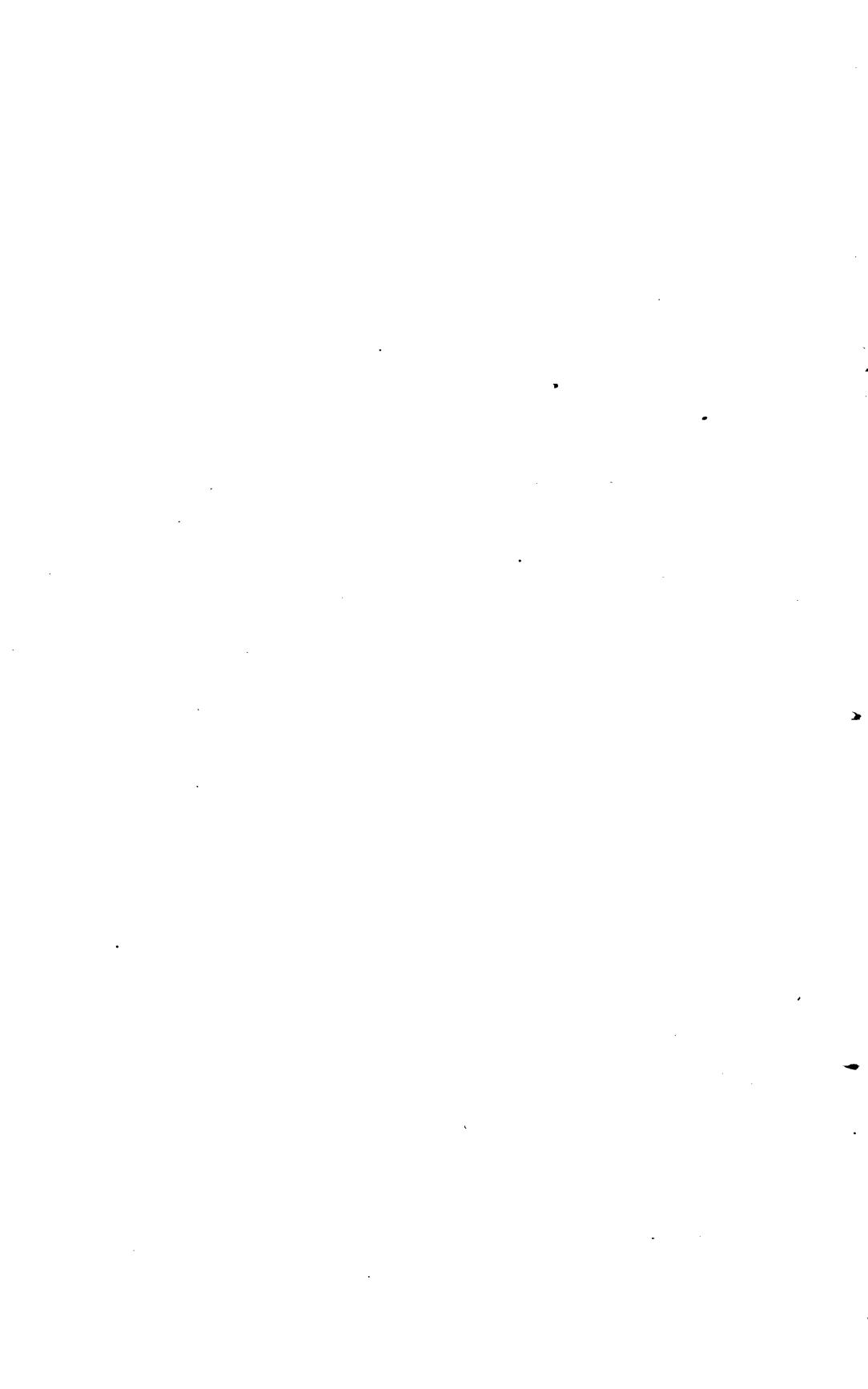


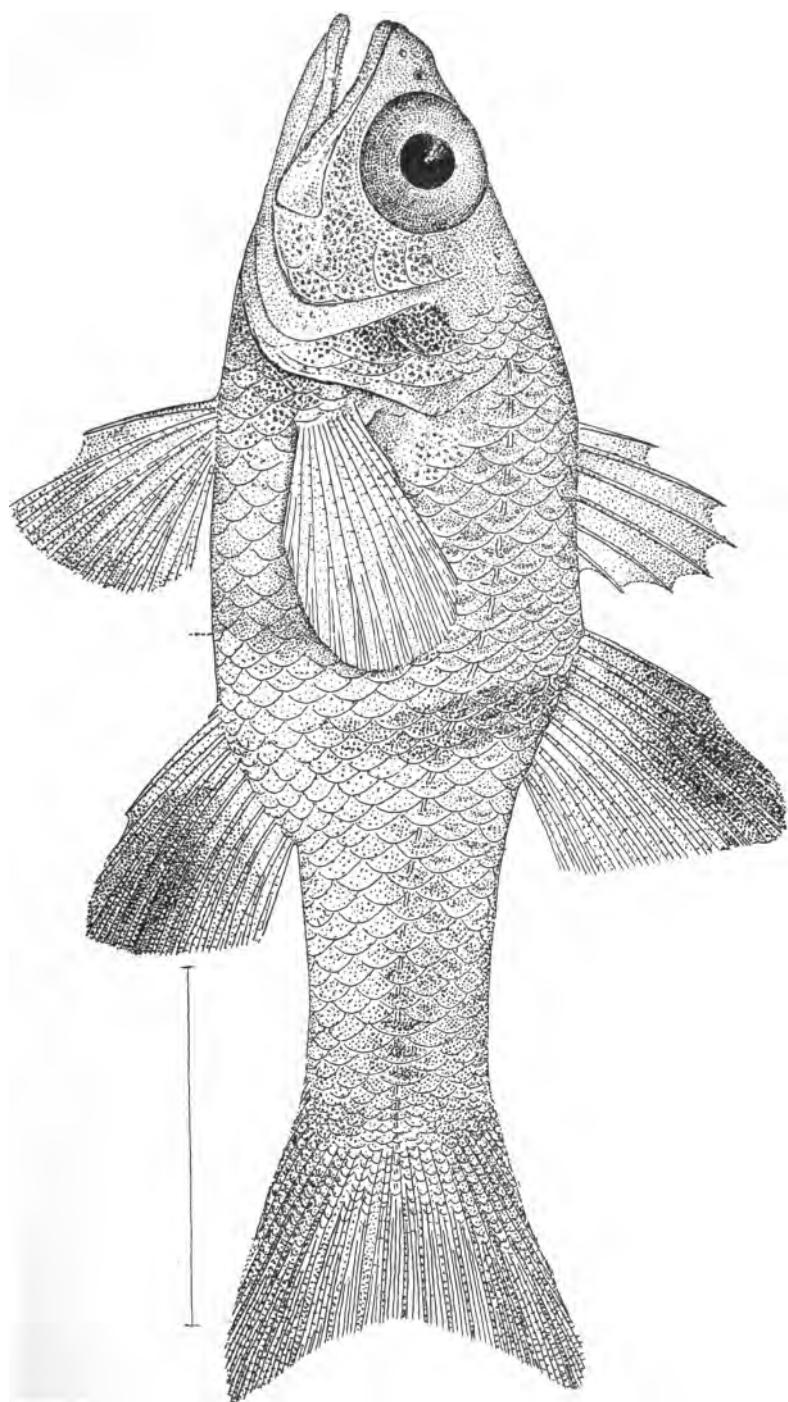


TRACHINOTUS CULVERI.

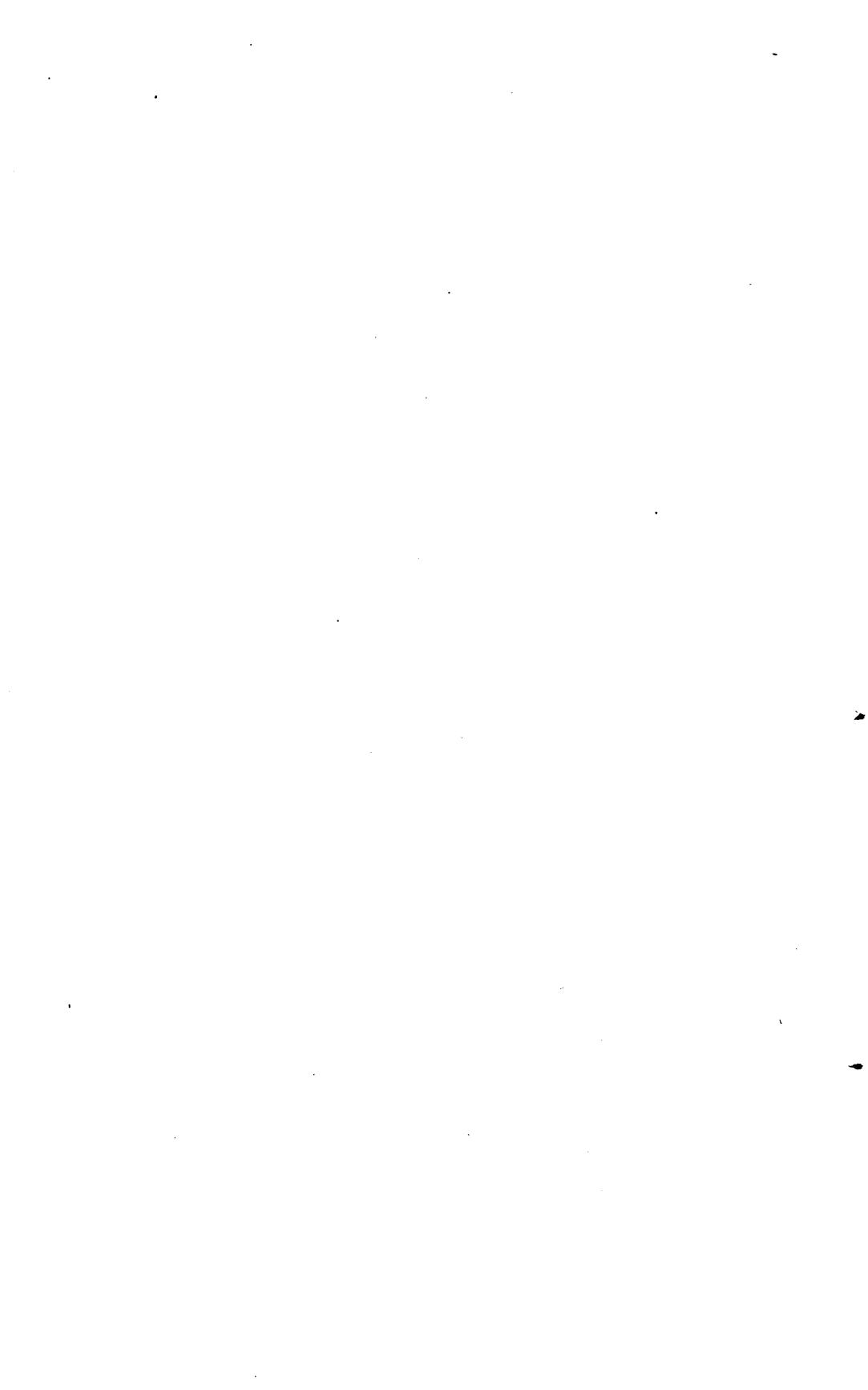
Annie L. Brown Del.

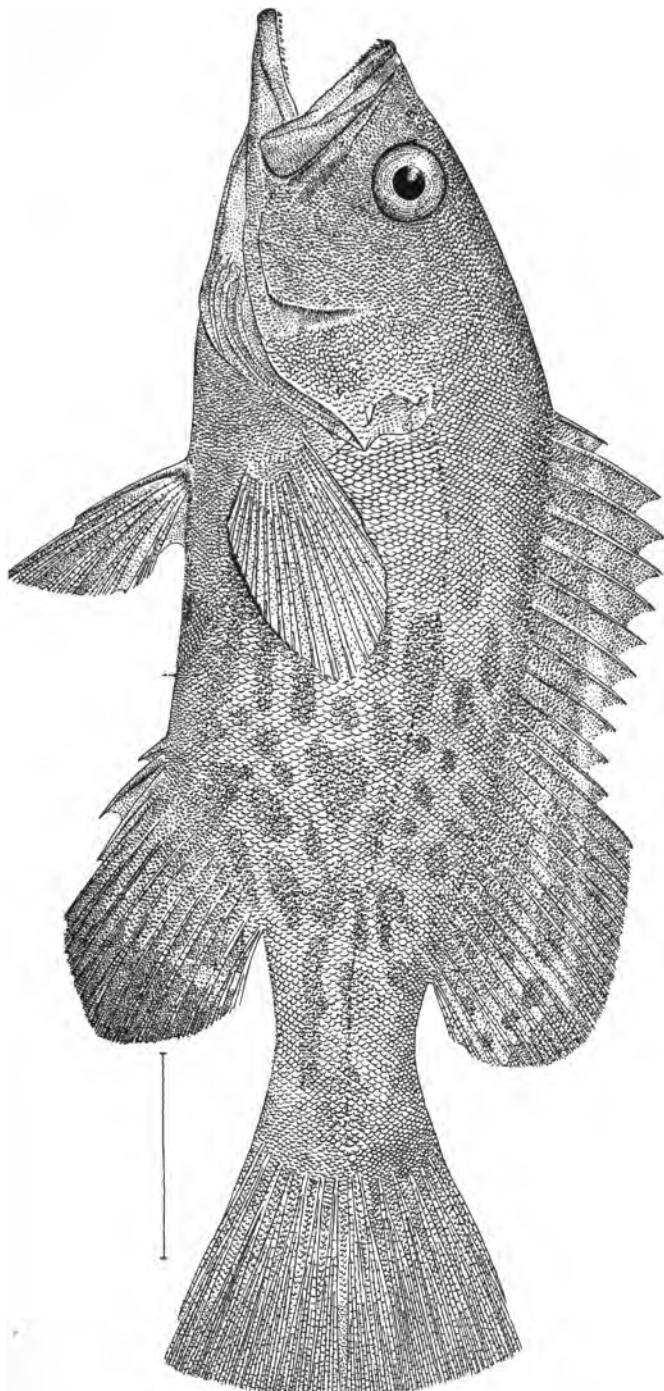
LITH. BRITTON & REY, N.Y.





APOGON RETROSELLA.

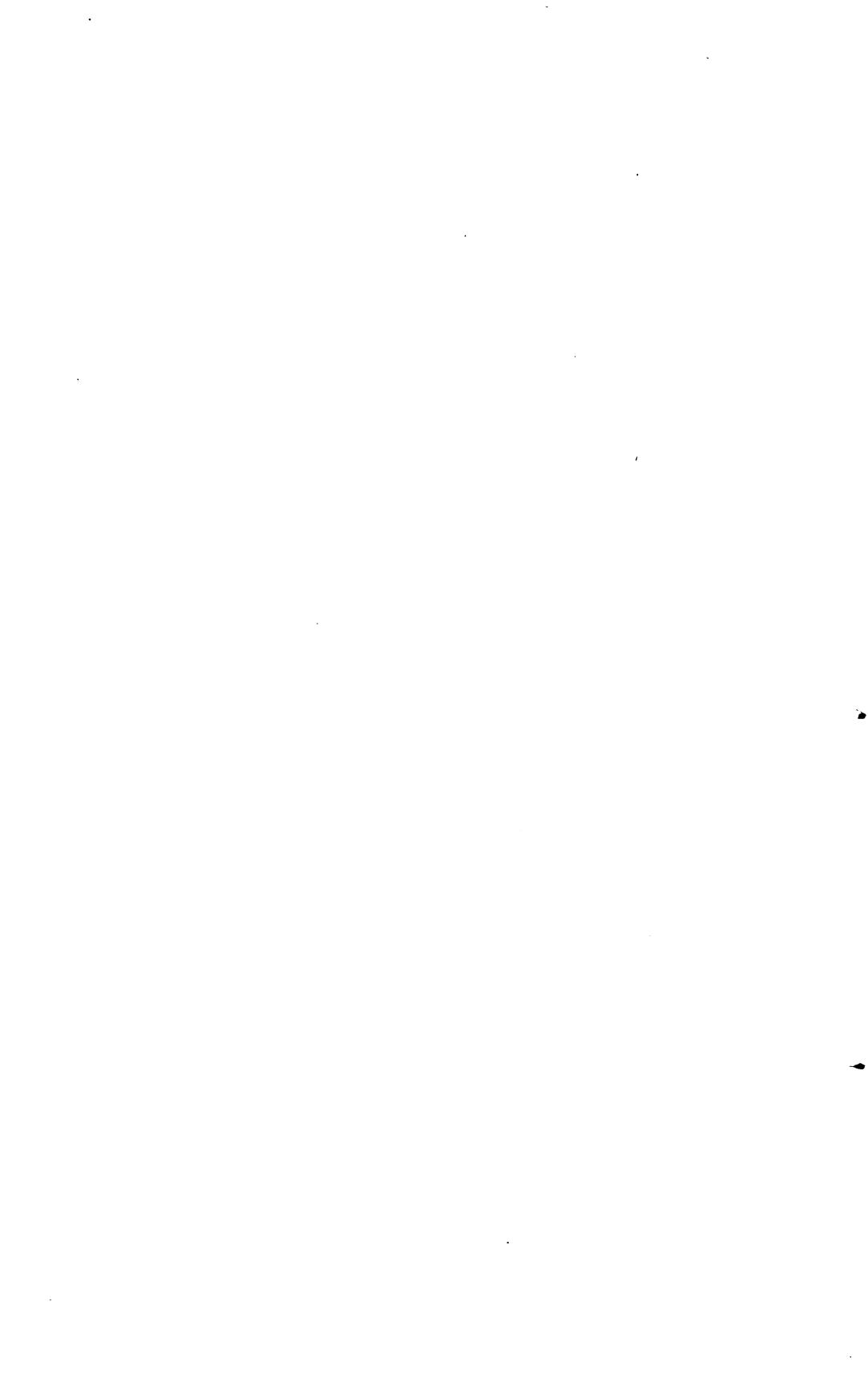


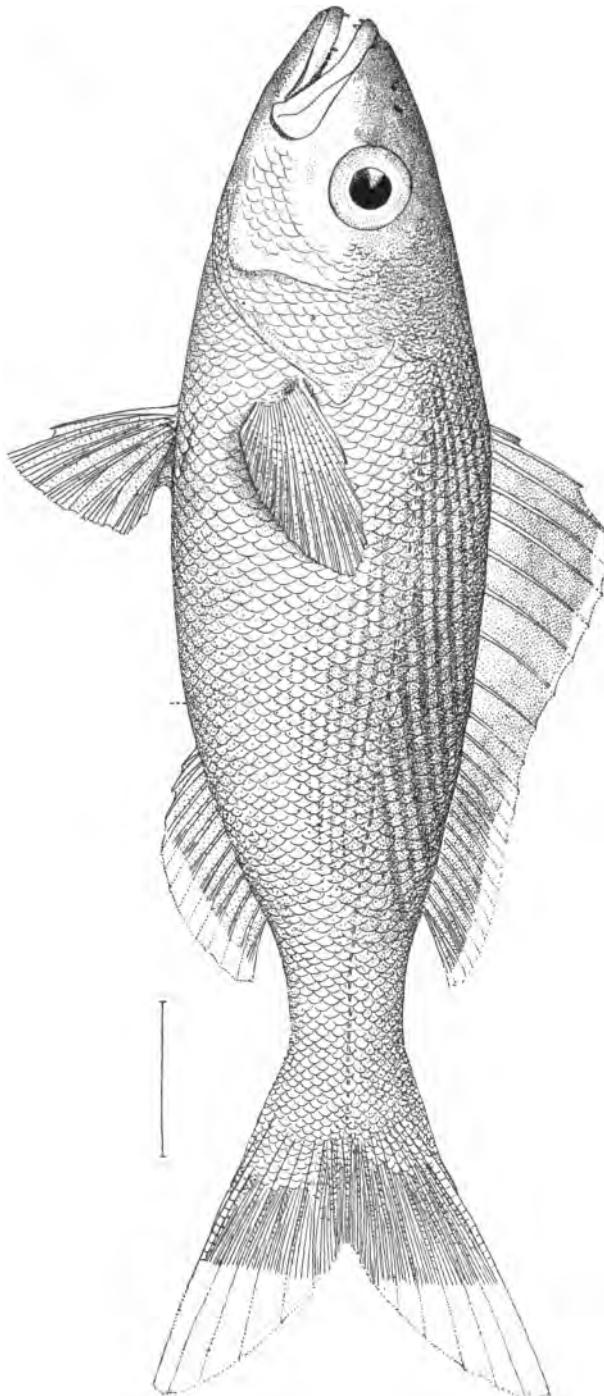


MYCTEROPTERCA BOULEGERI.

Anna L. Brown, Del.

LITH. BRITTON & CO., INC.

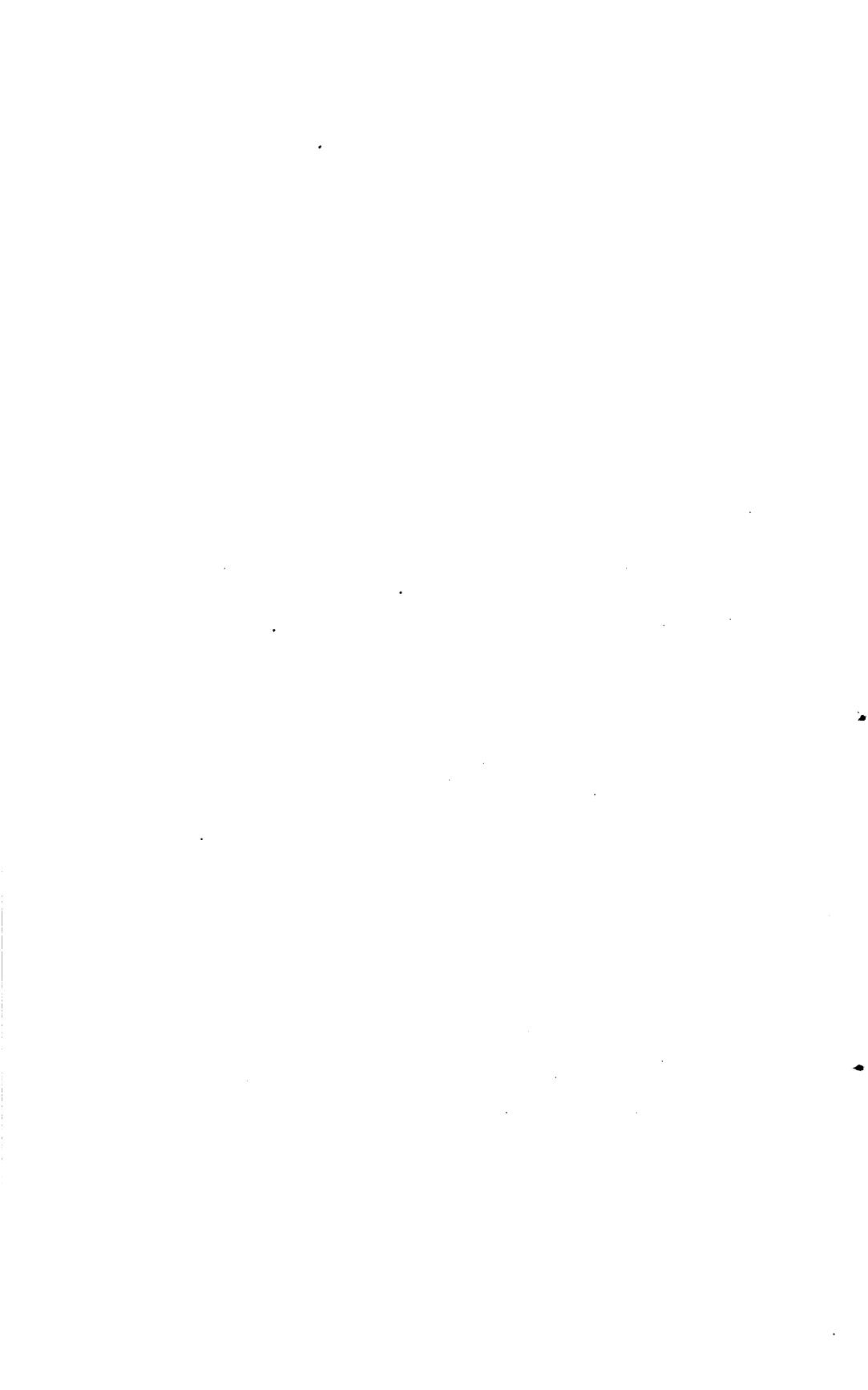


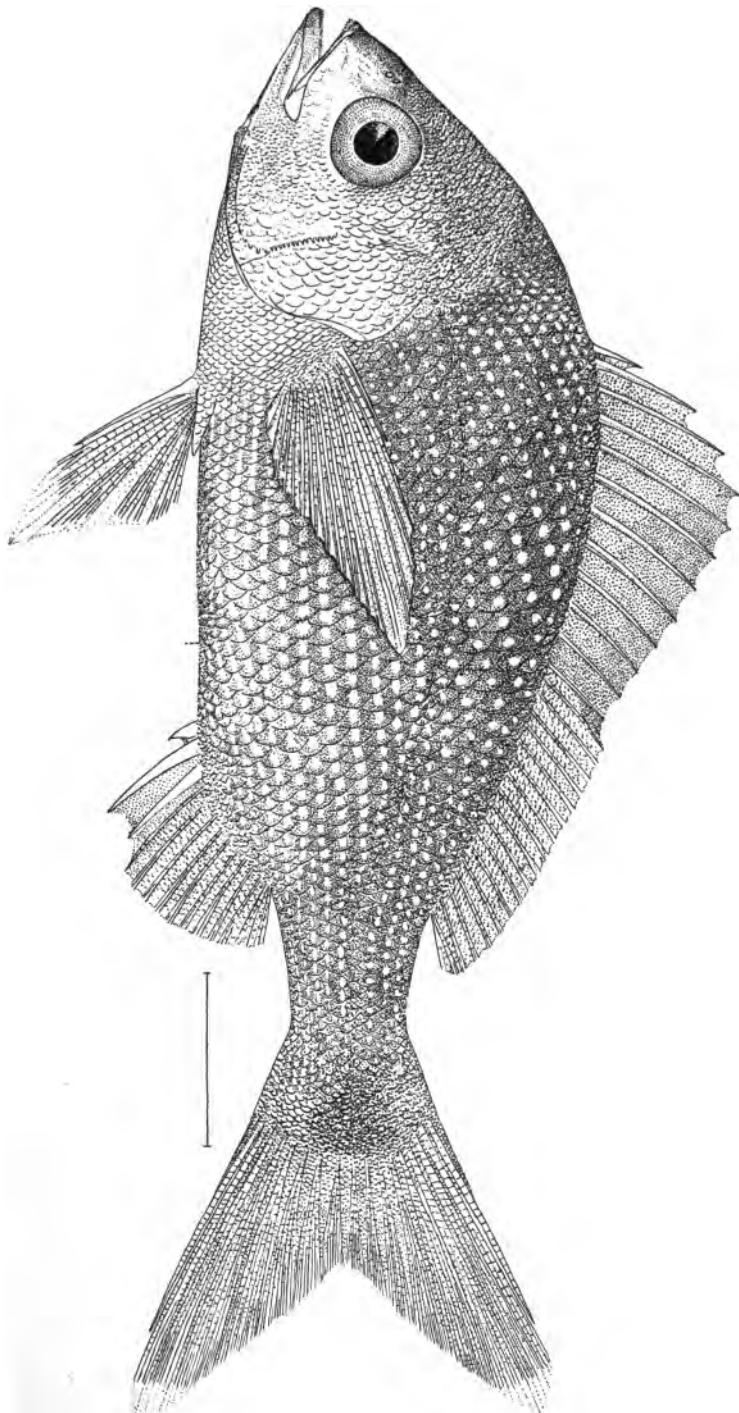


RABIRUBIA INERMIS.

Anna L. Brown, Del.

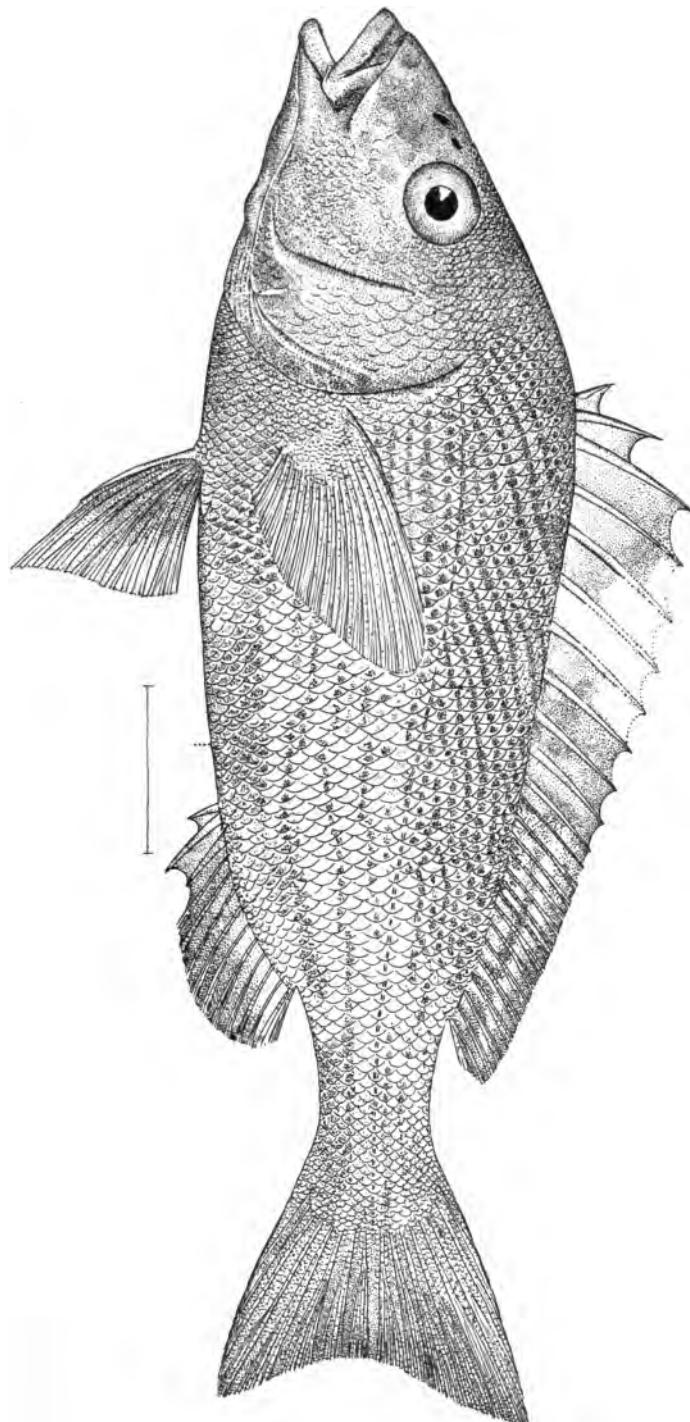
LITH. BRUTON & REY, SA.



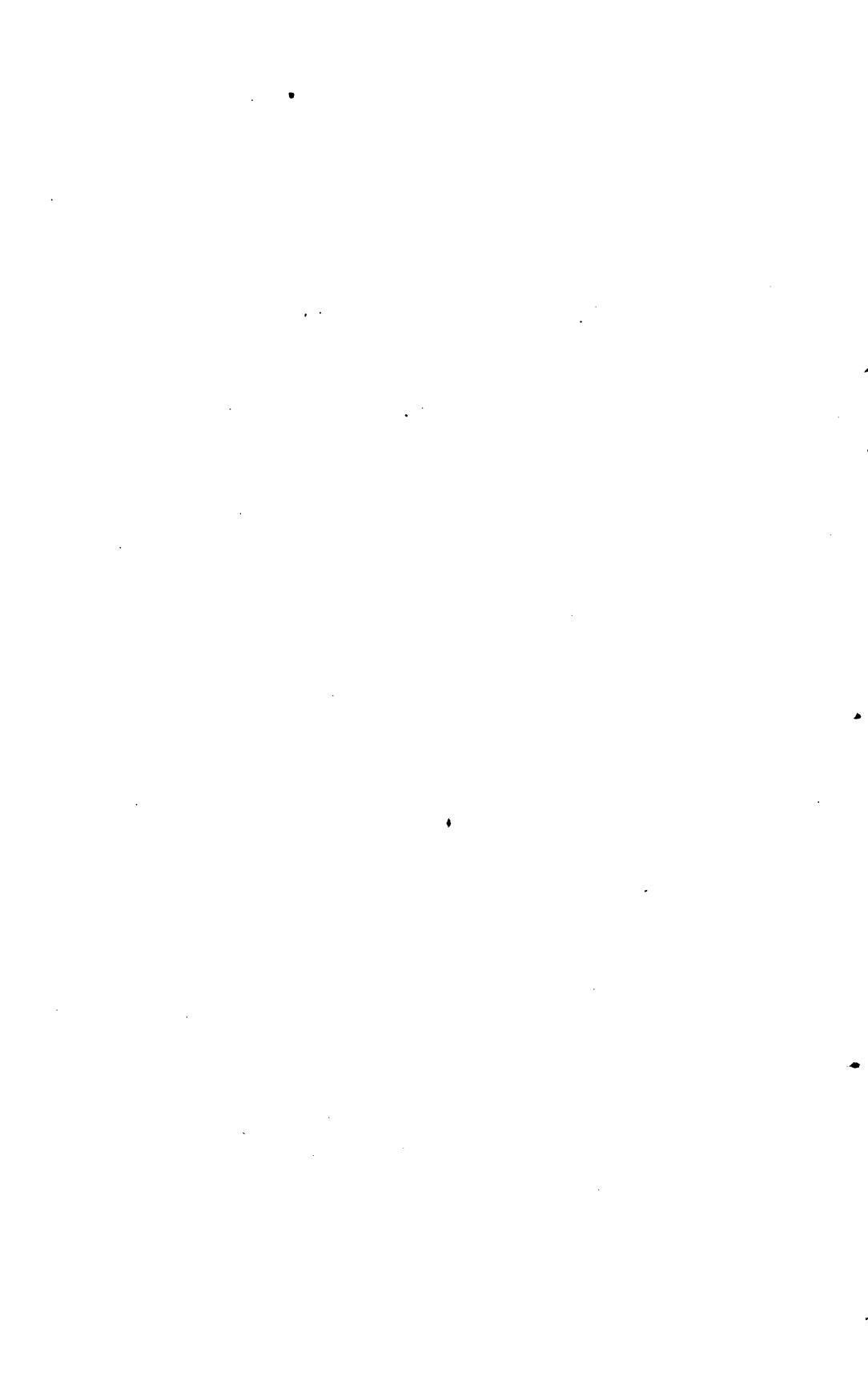


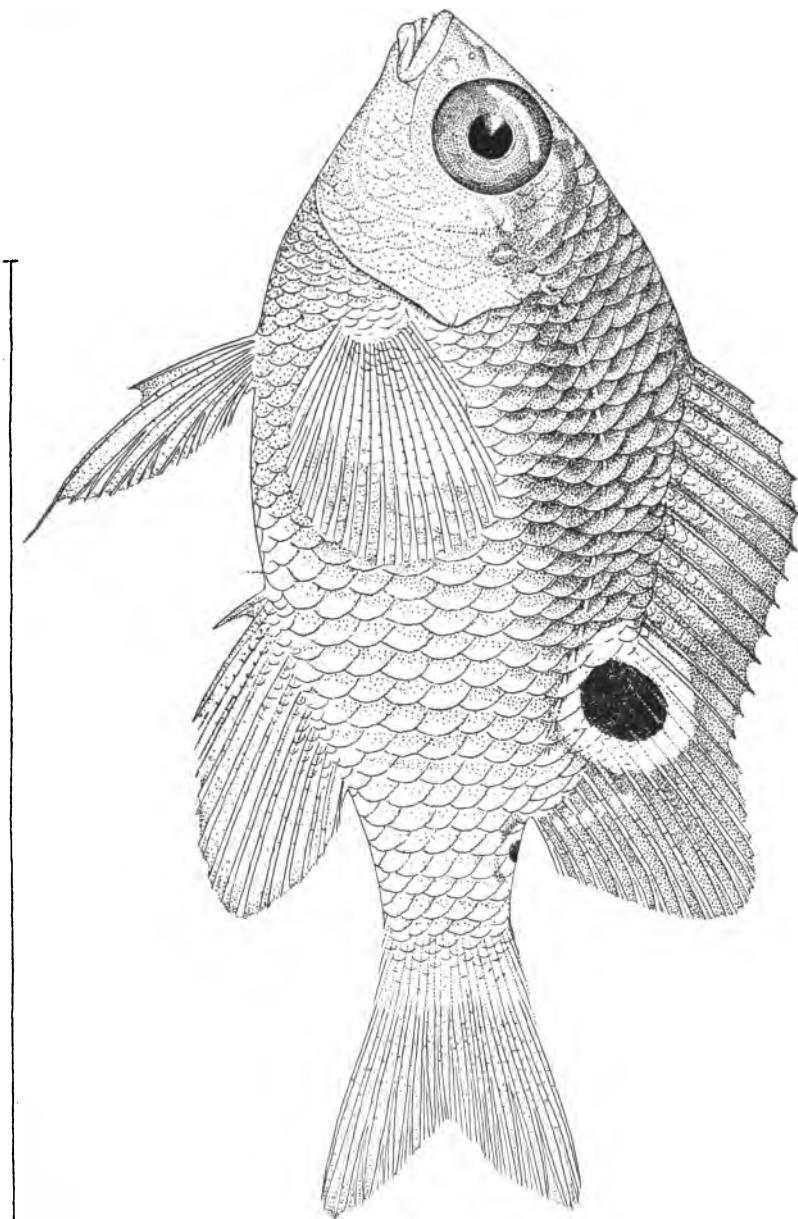
LYTHRULON OPALESCENS.





ORTHOPRISTIS REDDINGI.





EUPOMACENTRUS FLAVILATUS.

ANNA L. BROWN, DEL.

LITH. BRITTON & HORN, S.C.

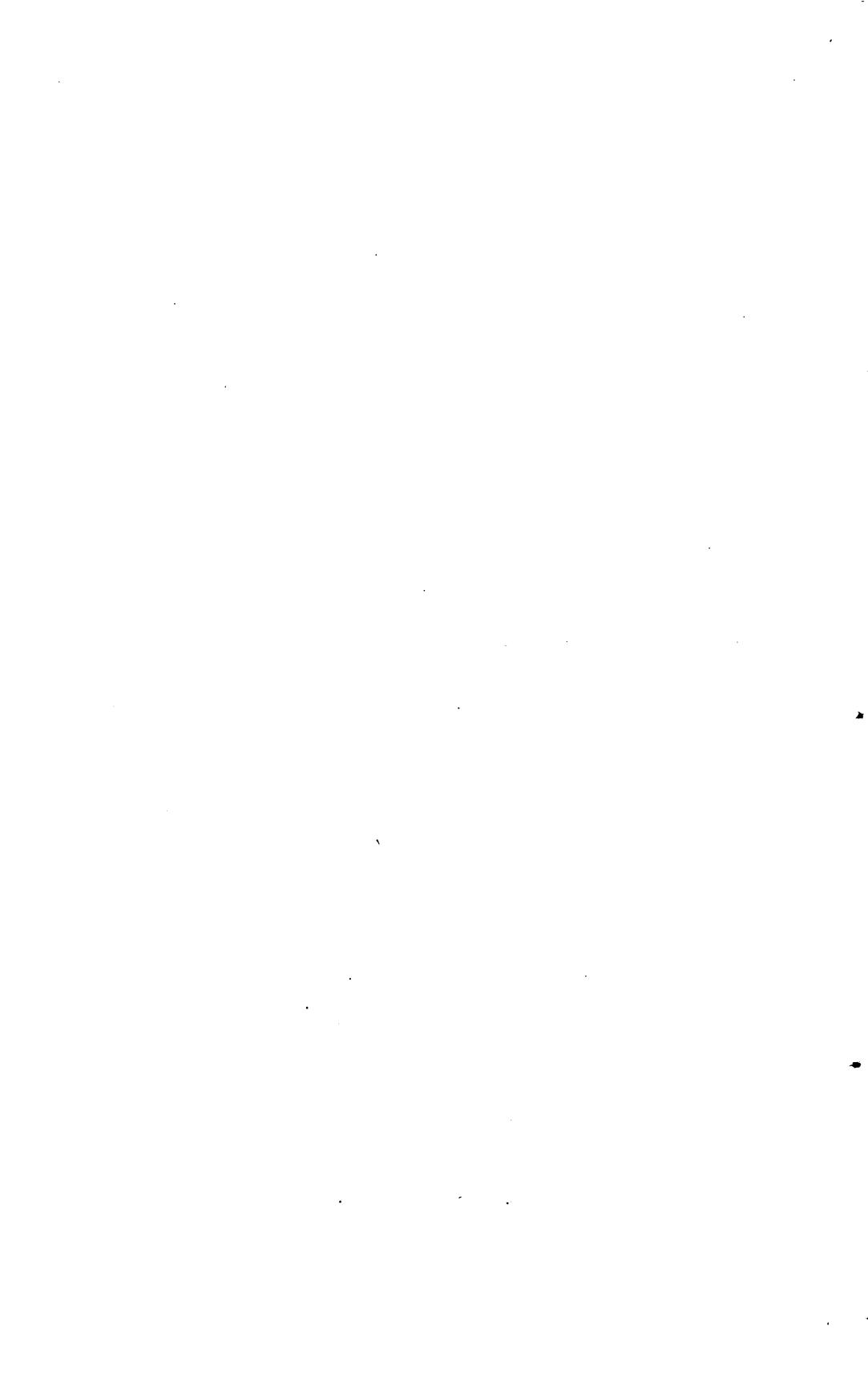
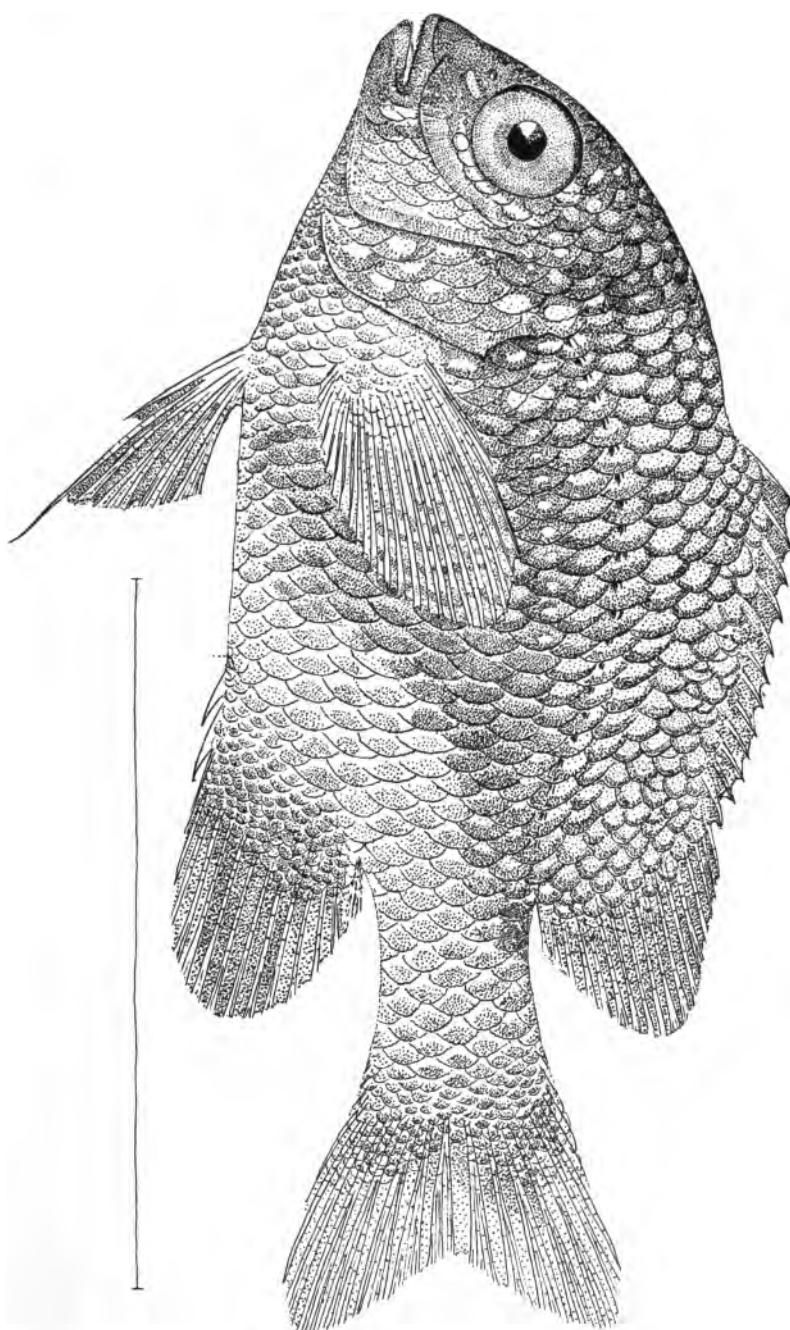


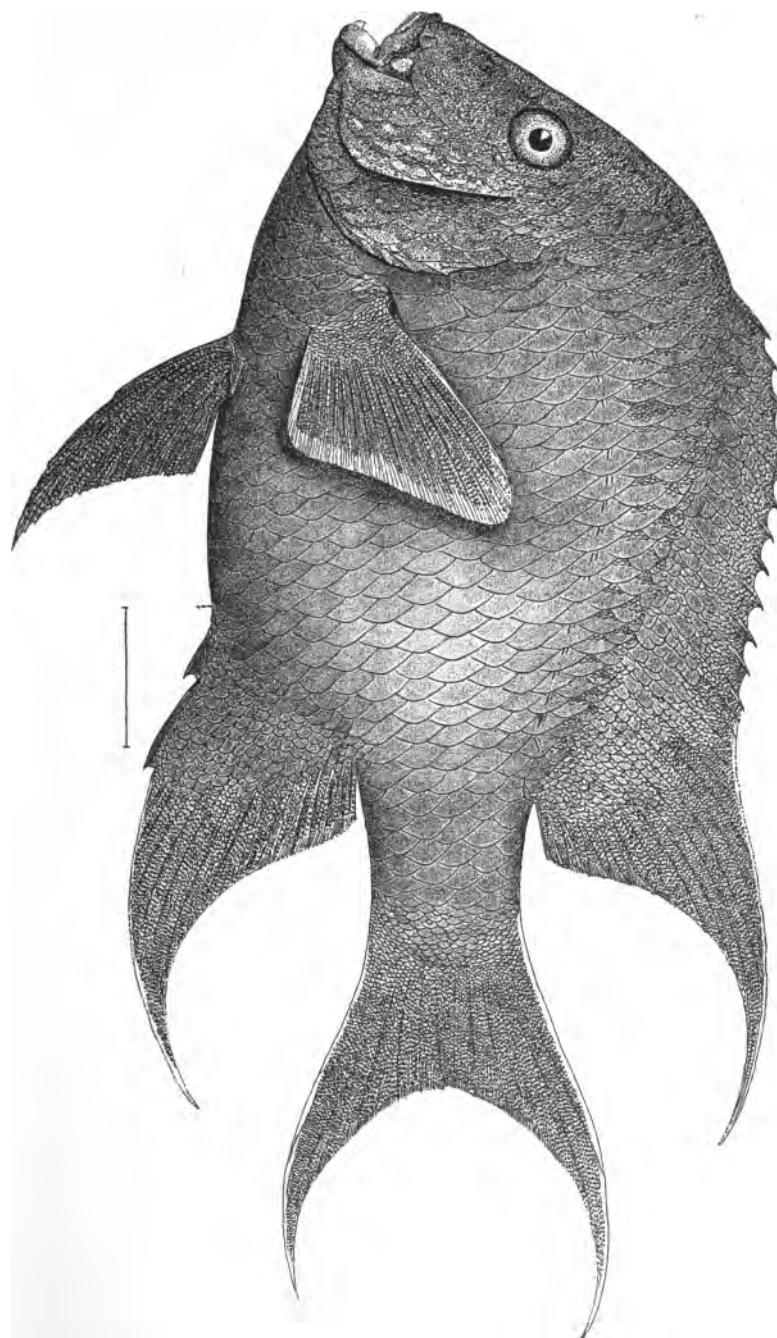
PLATE XLIII.



MICROSPATHODON BAIRDII.

Anna L. Brown, Del.

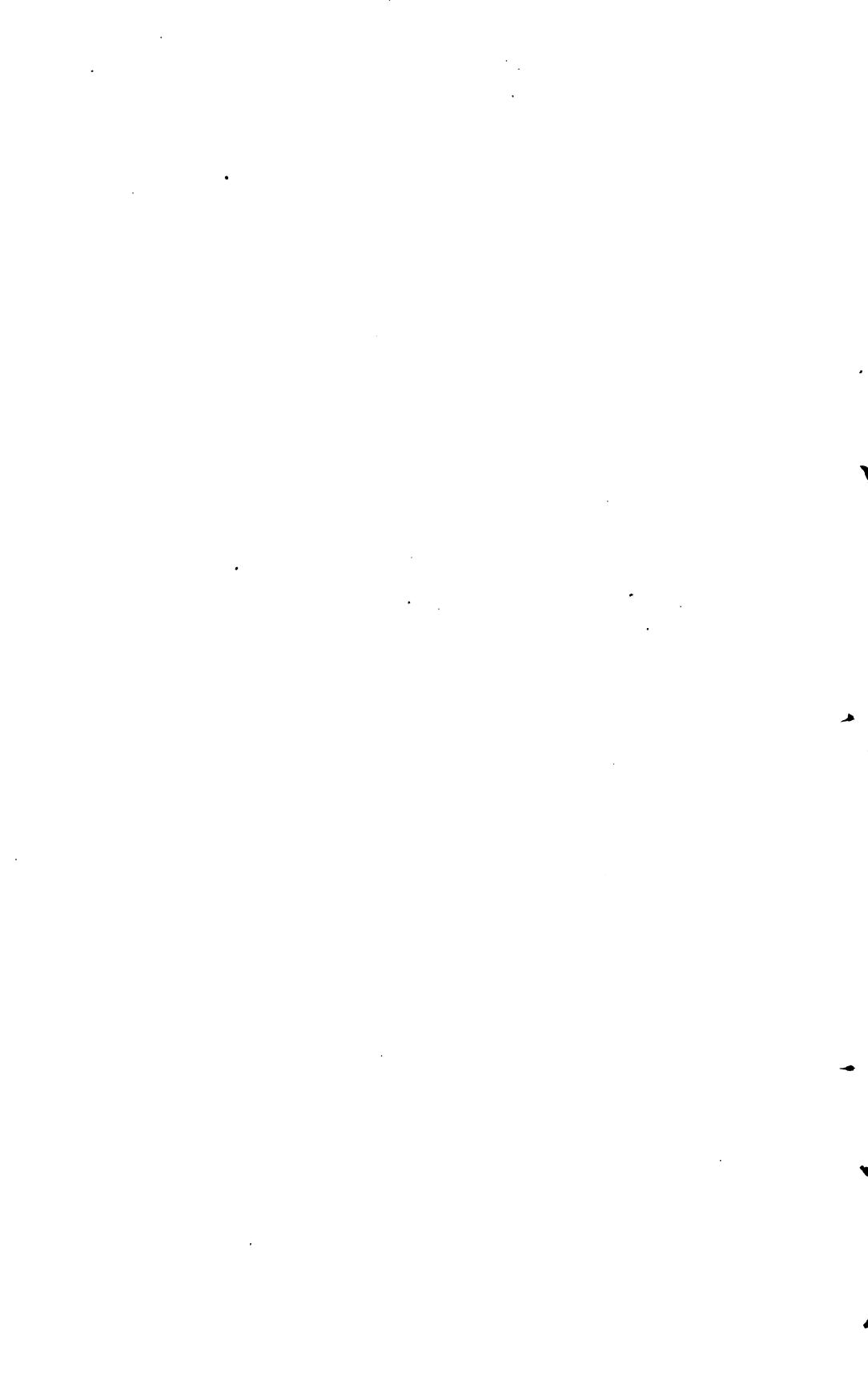


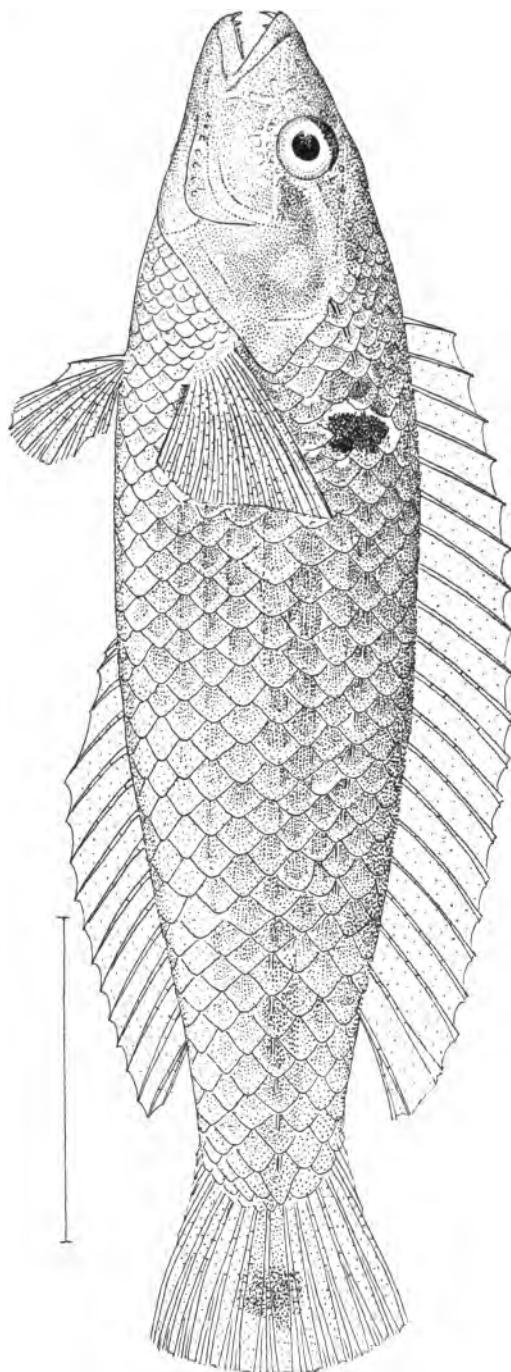


MICROSPATHODON AZURISSIMUS.

Anna L. Brown, Del.

LITH. BRITTON & HAY, SR.

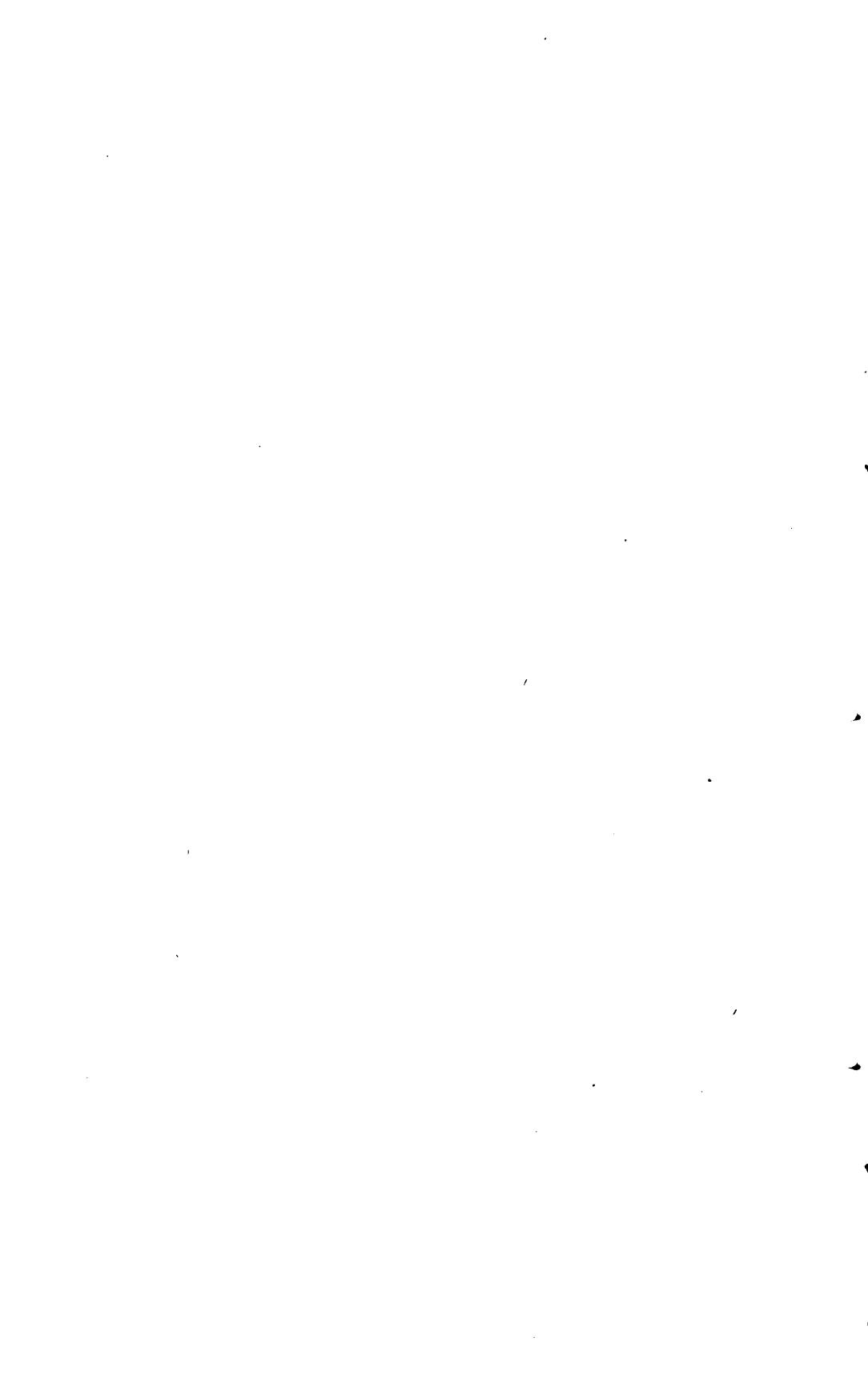


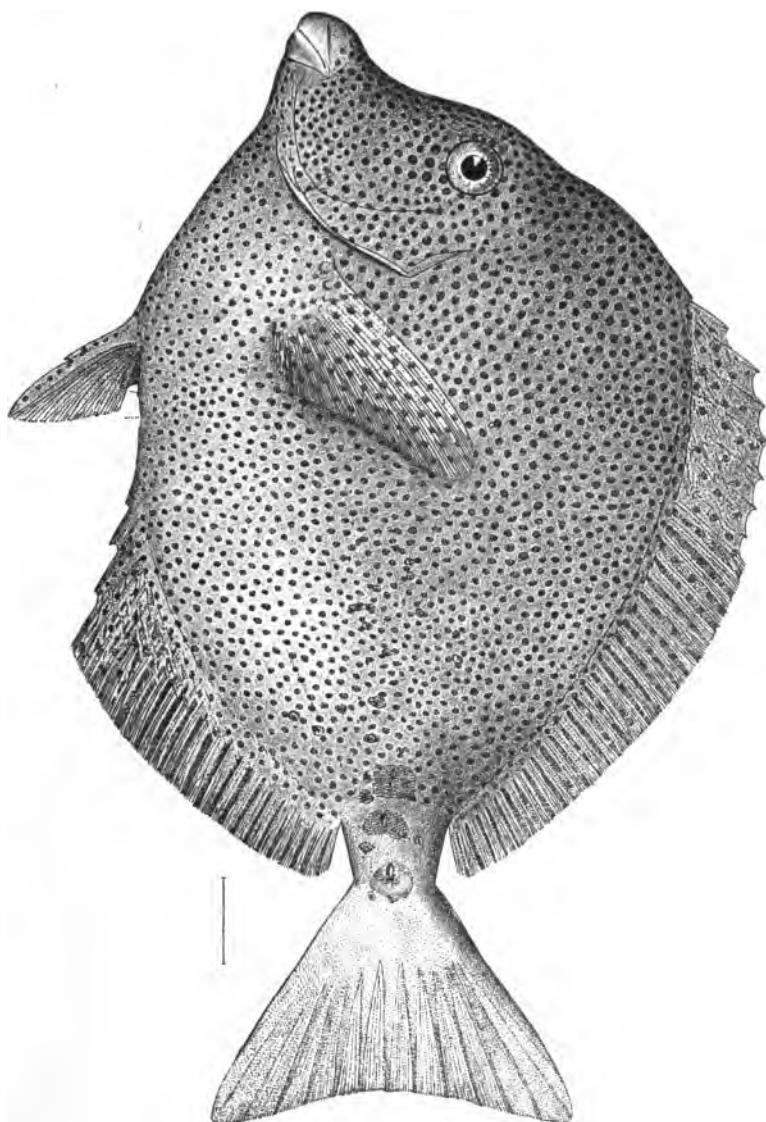


HALICHŒRES DISPILUS.

Annie L. Brown, Dux.

LITH. BRITTON & PERRY, JR.

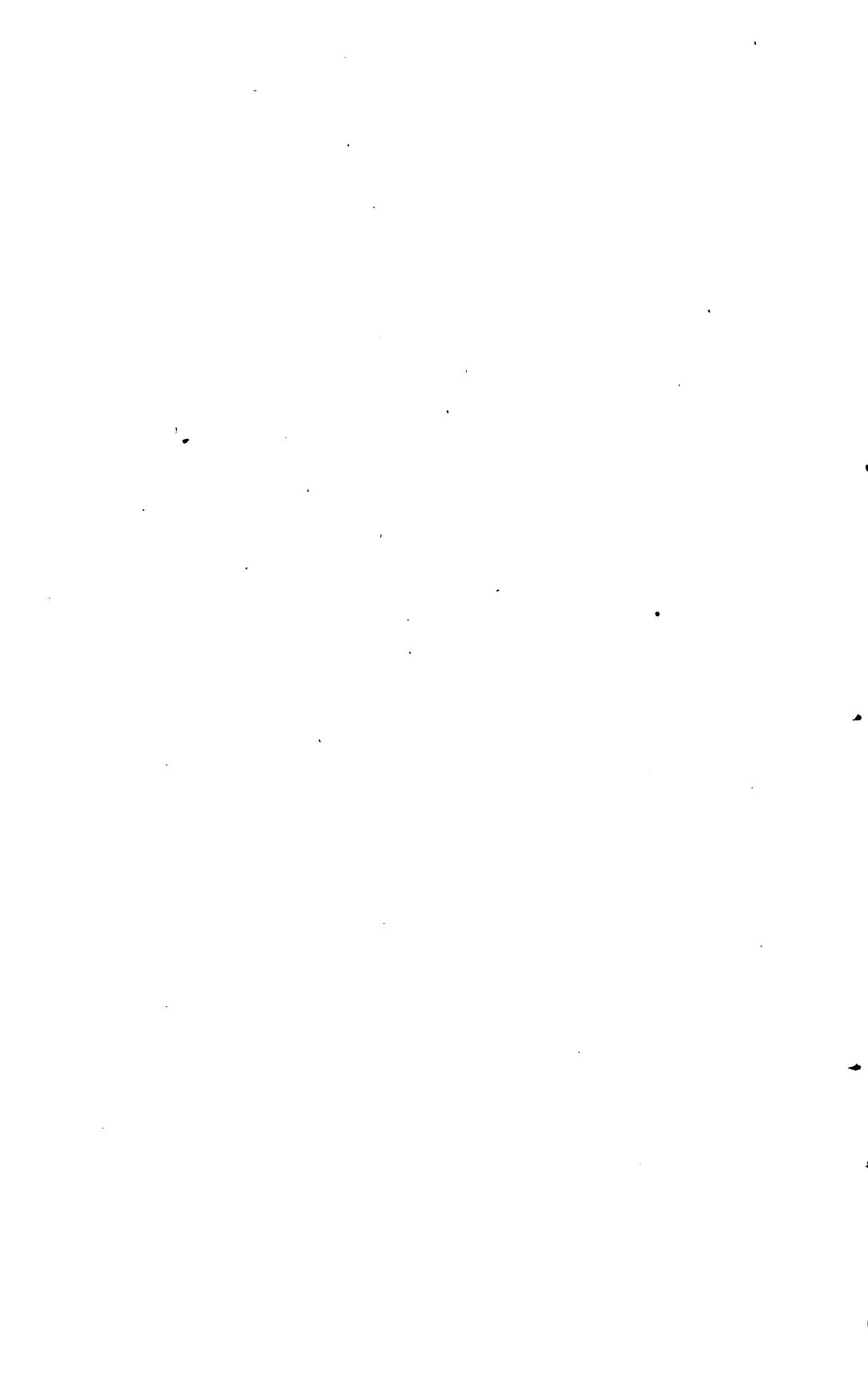


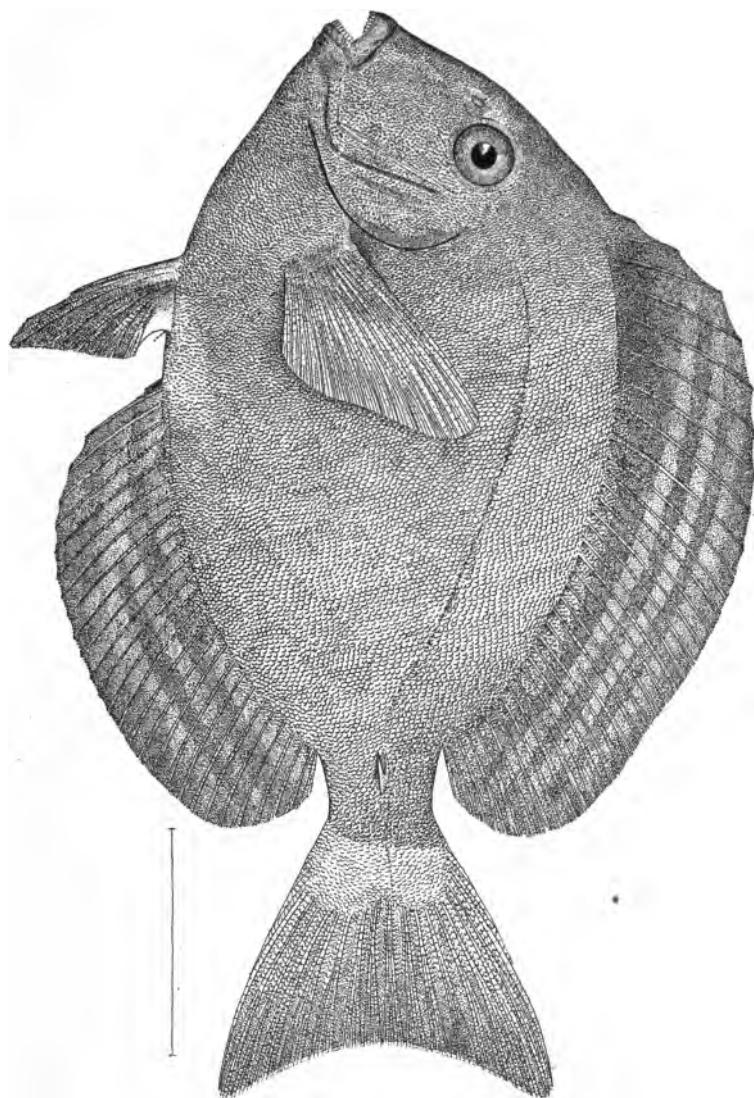


XESURUS PUNCTATUS.

Anna L. Brown Del.

LITH. BRITTON & ROY, N.Y.

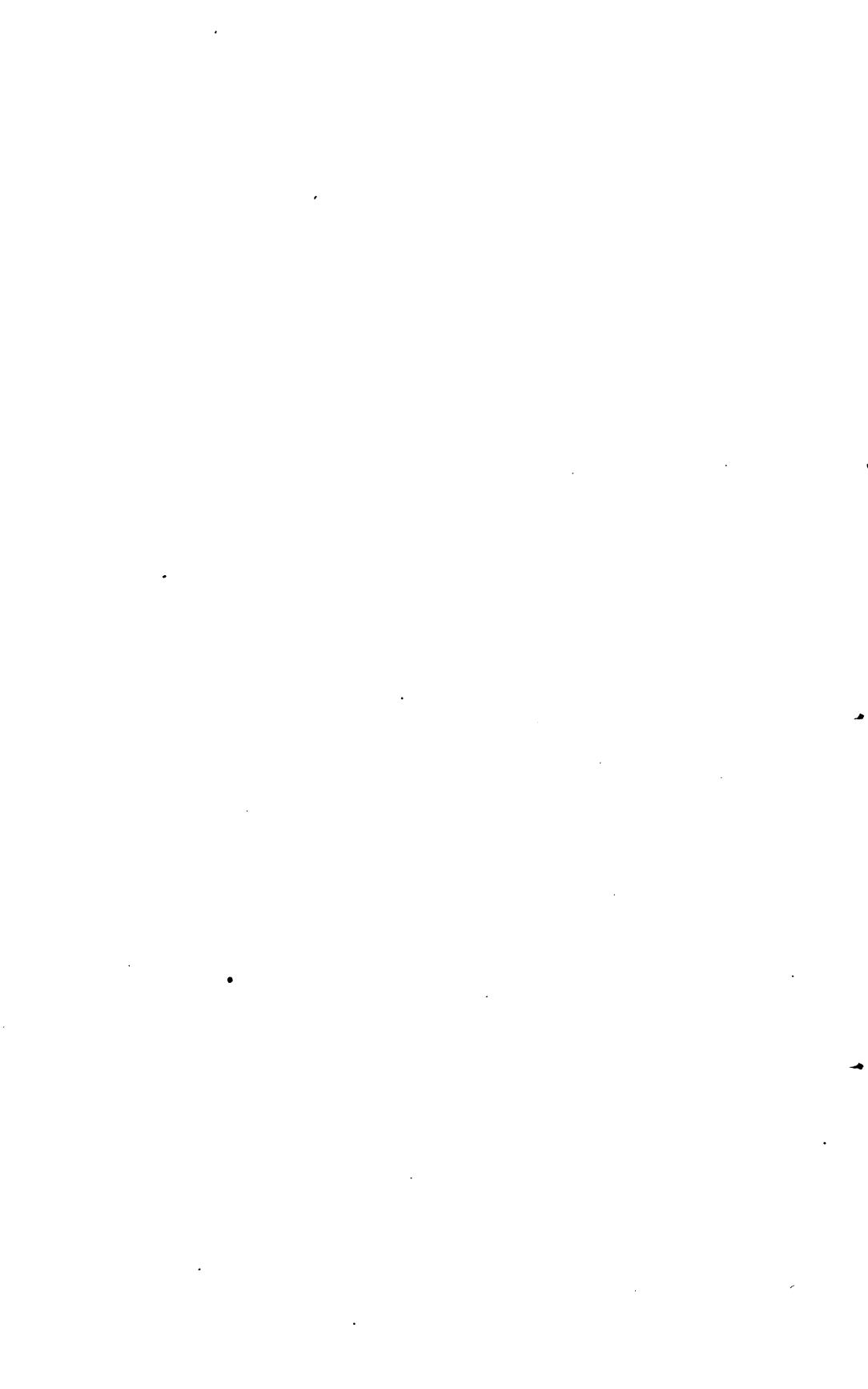


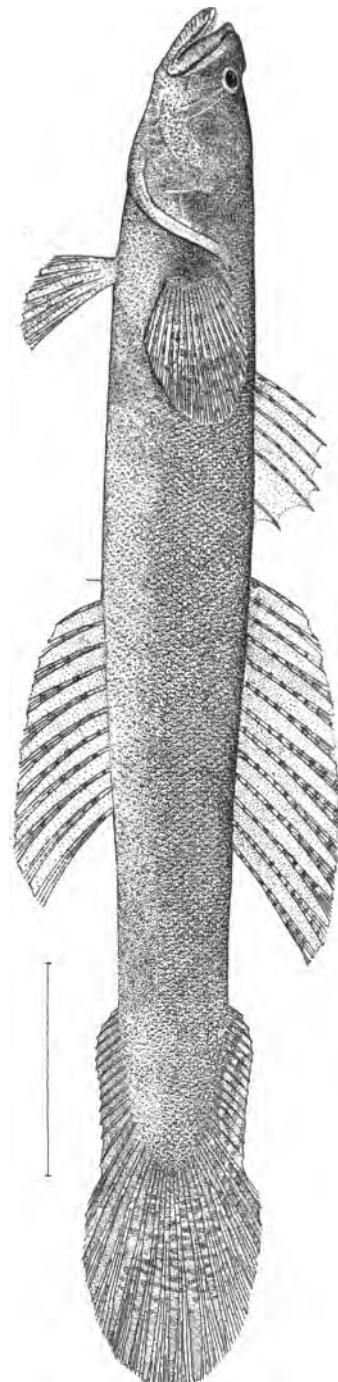


TEUTHIS CRESTONIS.

ANNA L. BROWN DEL.

LITH. BRITTON & CO. JR.

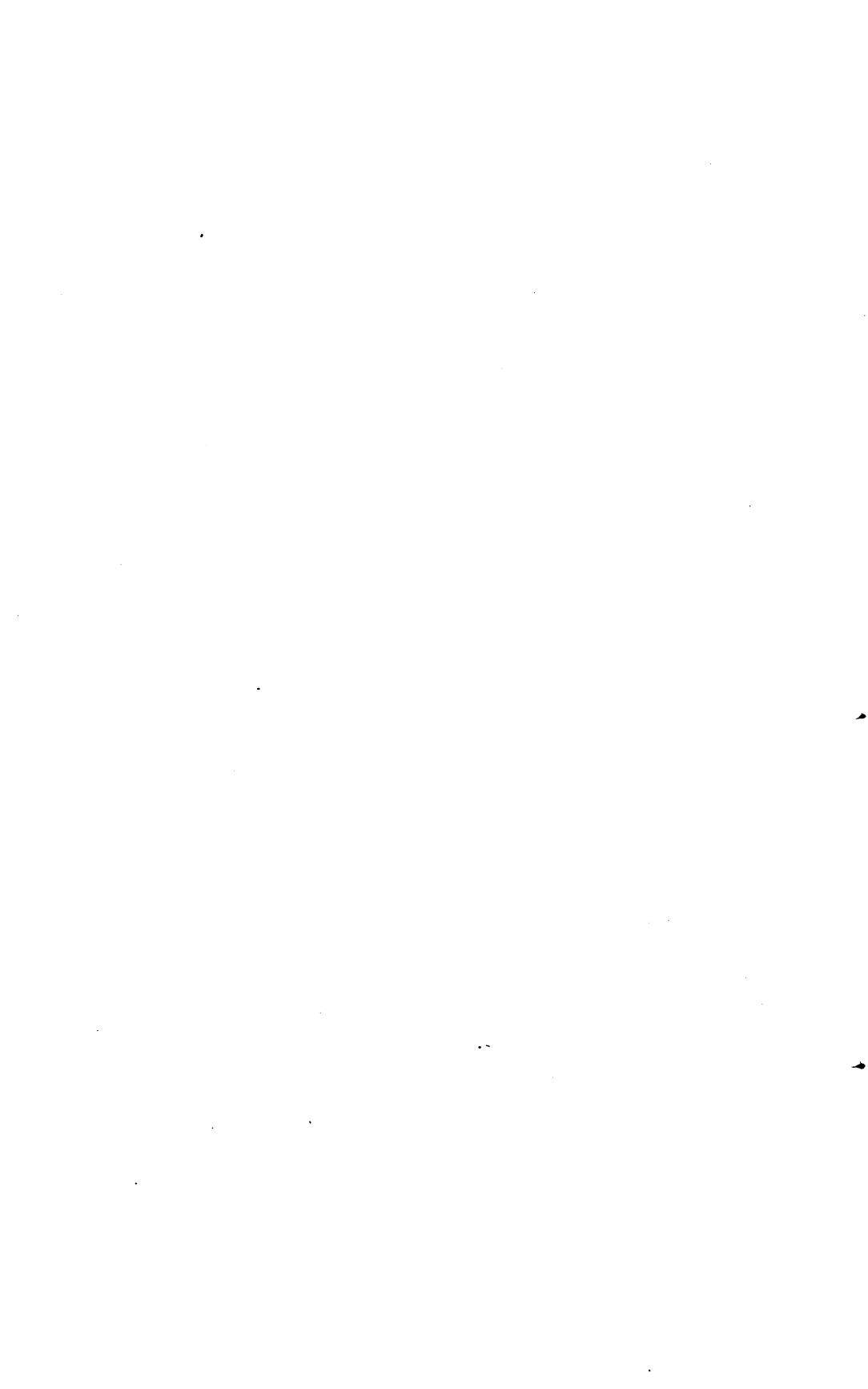


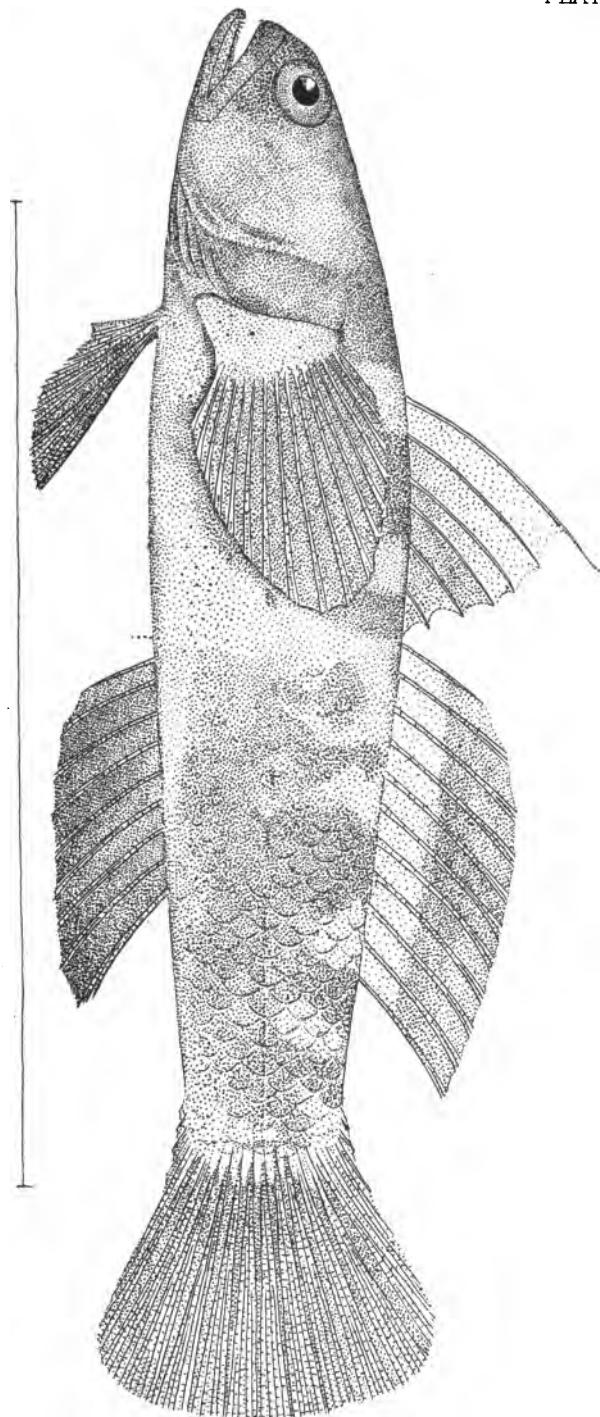


ALEXURUS ARMIGER.

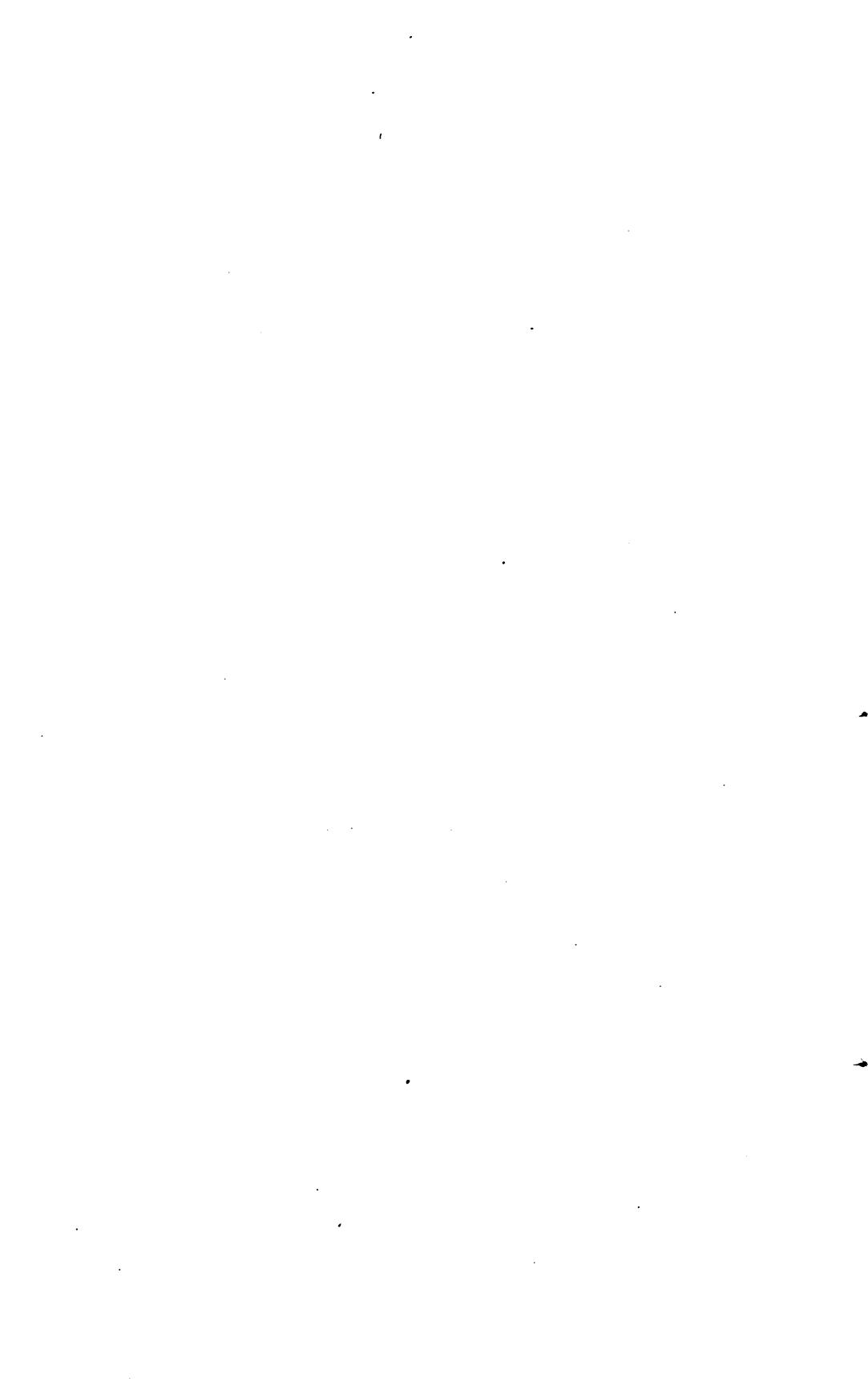
Anna L. Brown, Del.

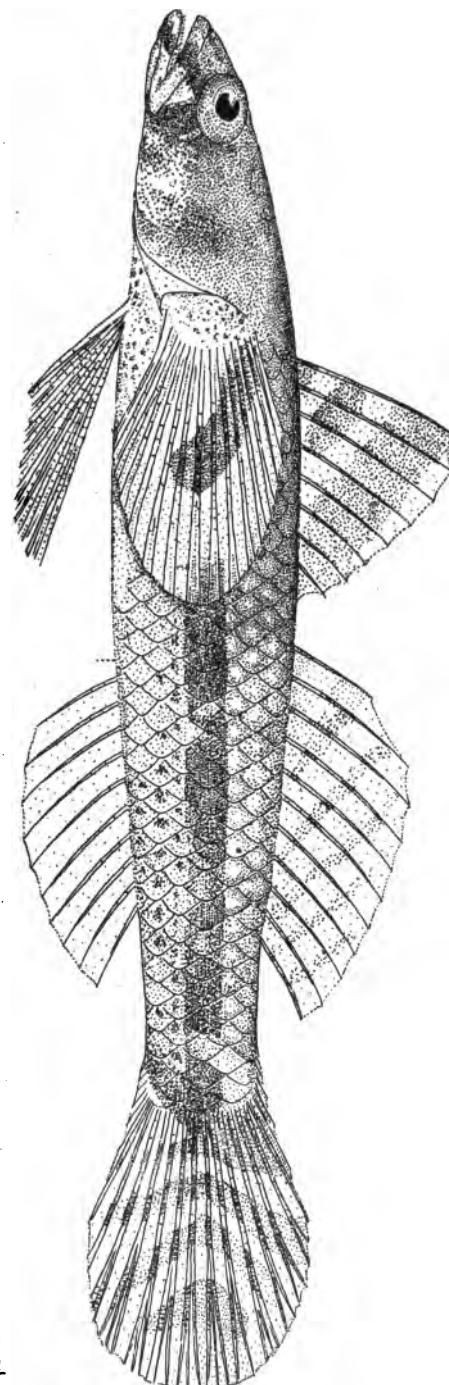
LITH. BRITTON & RAY, JR.





GARMANNIA PARADOXA.

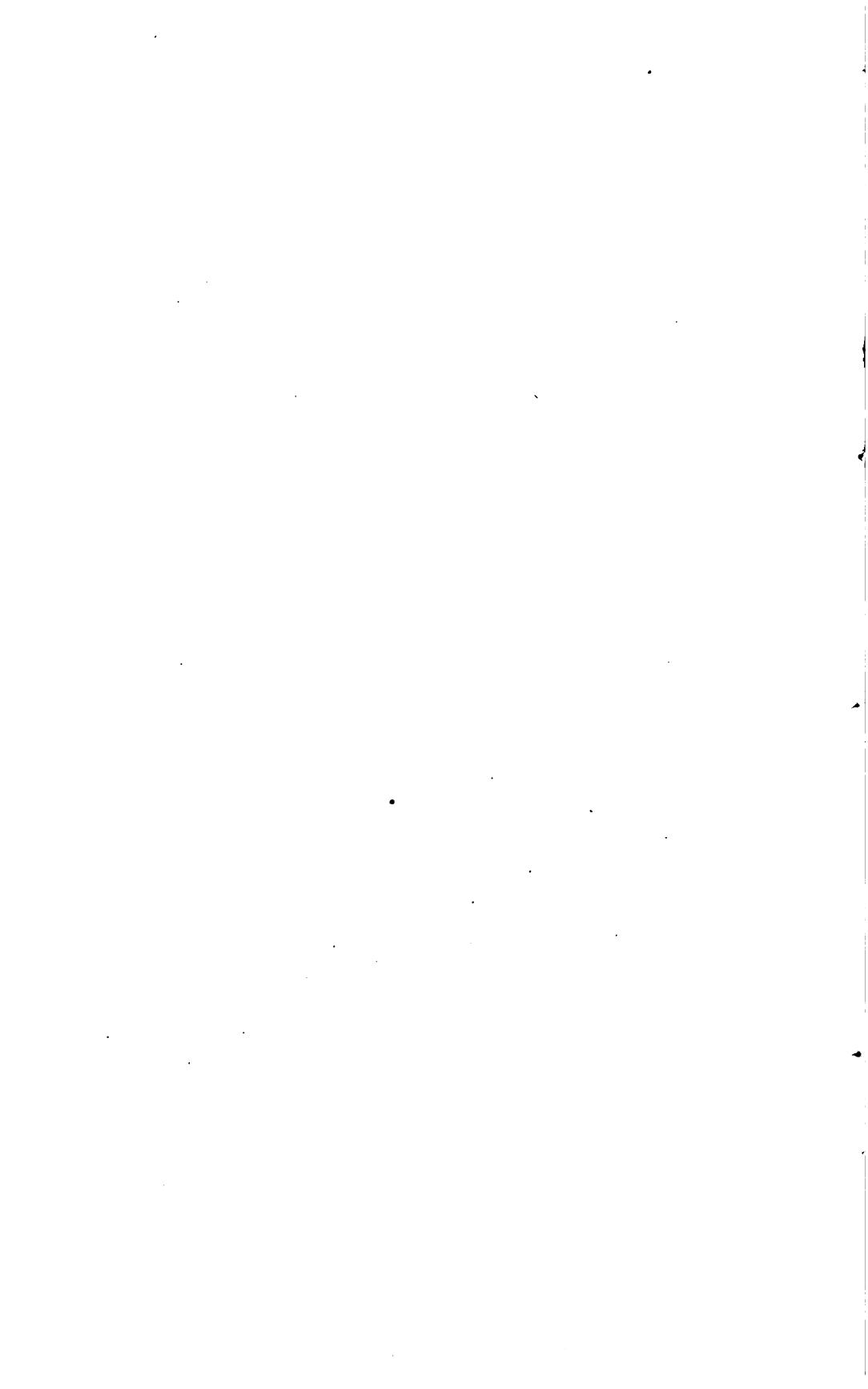


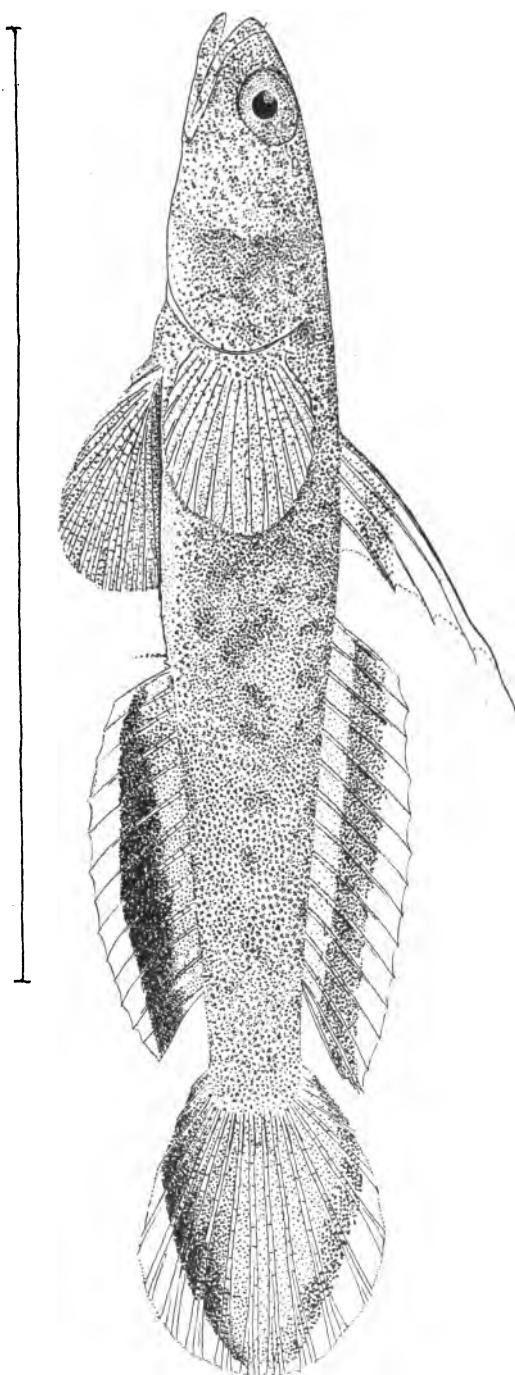


ABOMA ETHEOSTOMA.

Anne L. Brown, Del.

LITH. BRITTON & RAY, C.R.

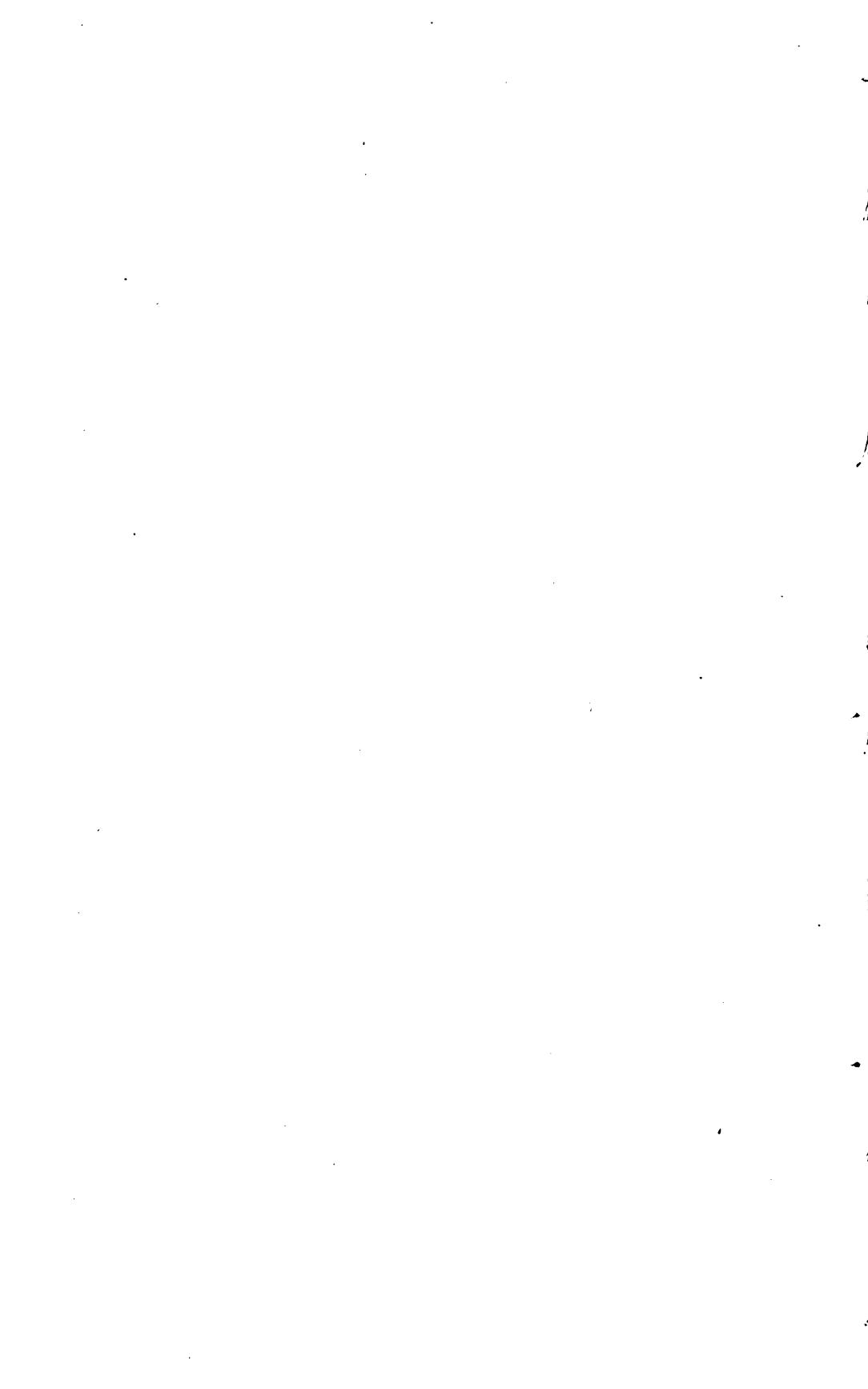




EVERMANNIA ZOSTERURA.

ANNA L. BROWN, DEL.

LITH. BRITTON & HENY, NEW YORK.

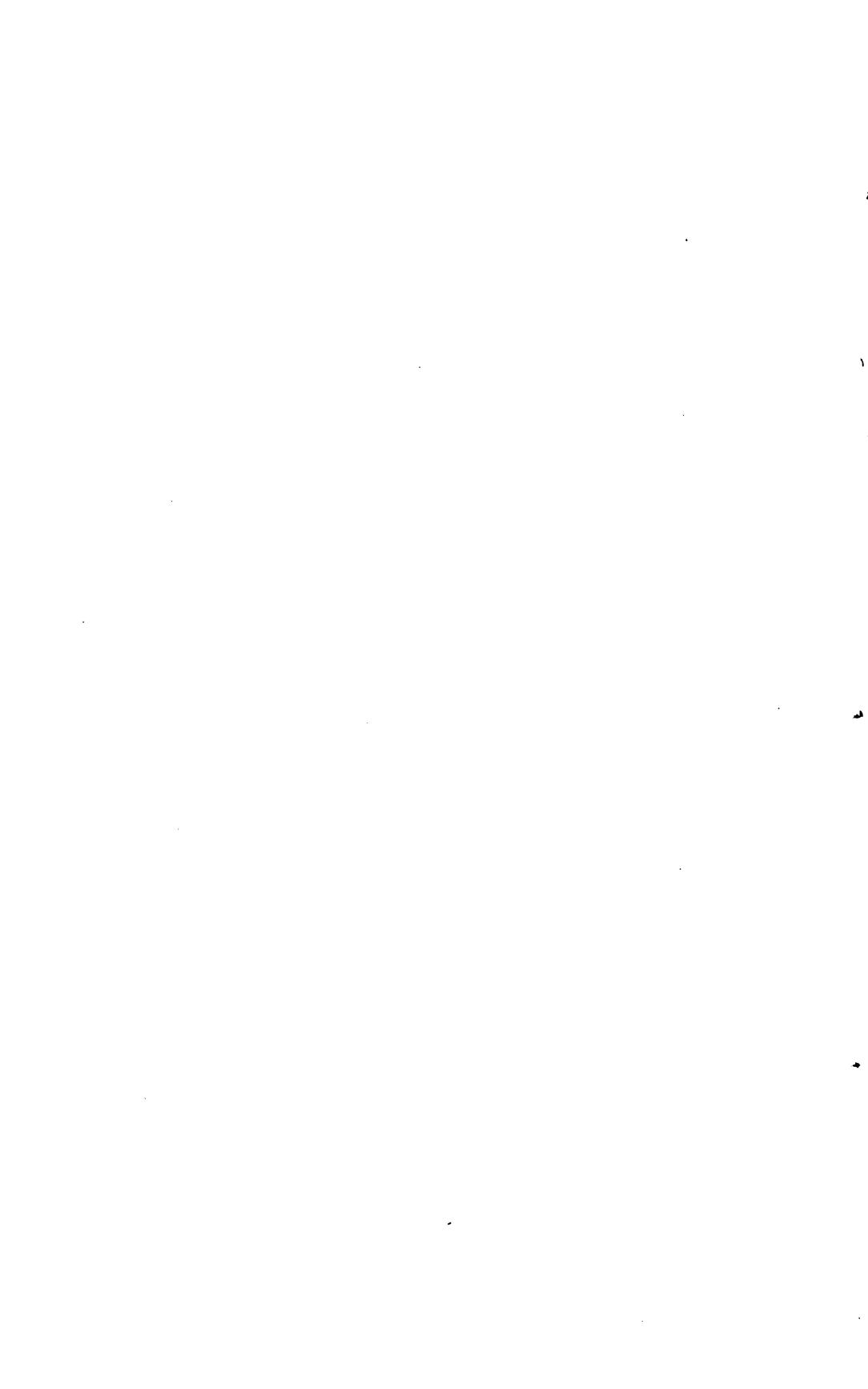


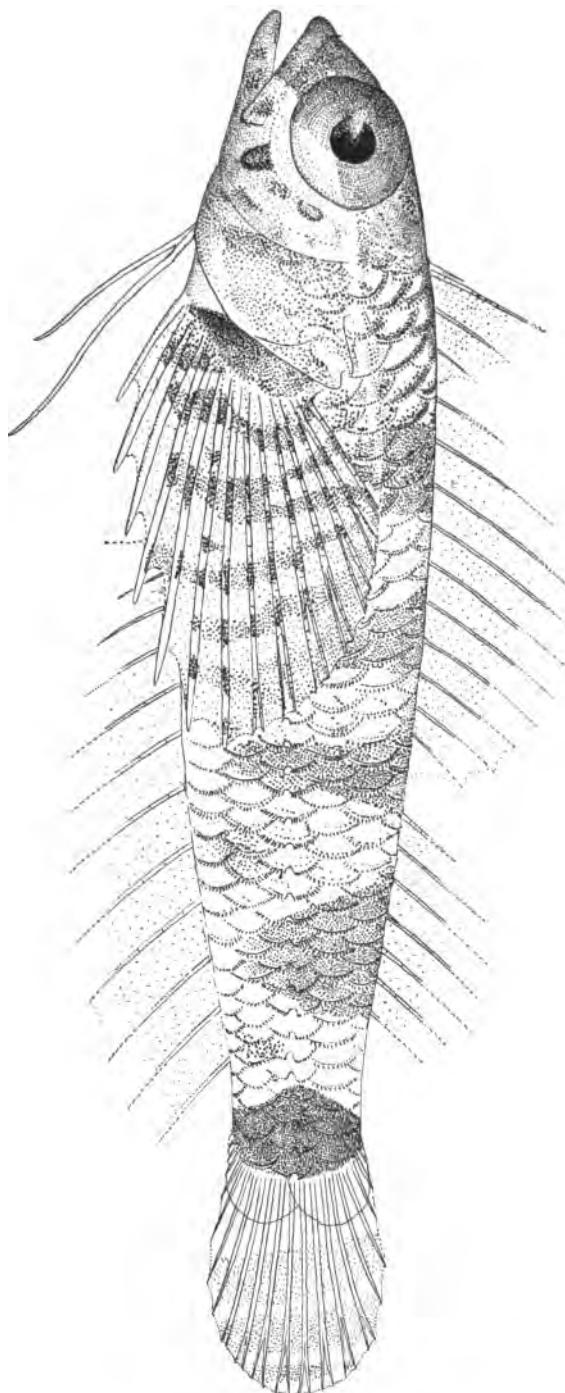


SCORPÆNA MYSTES.

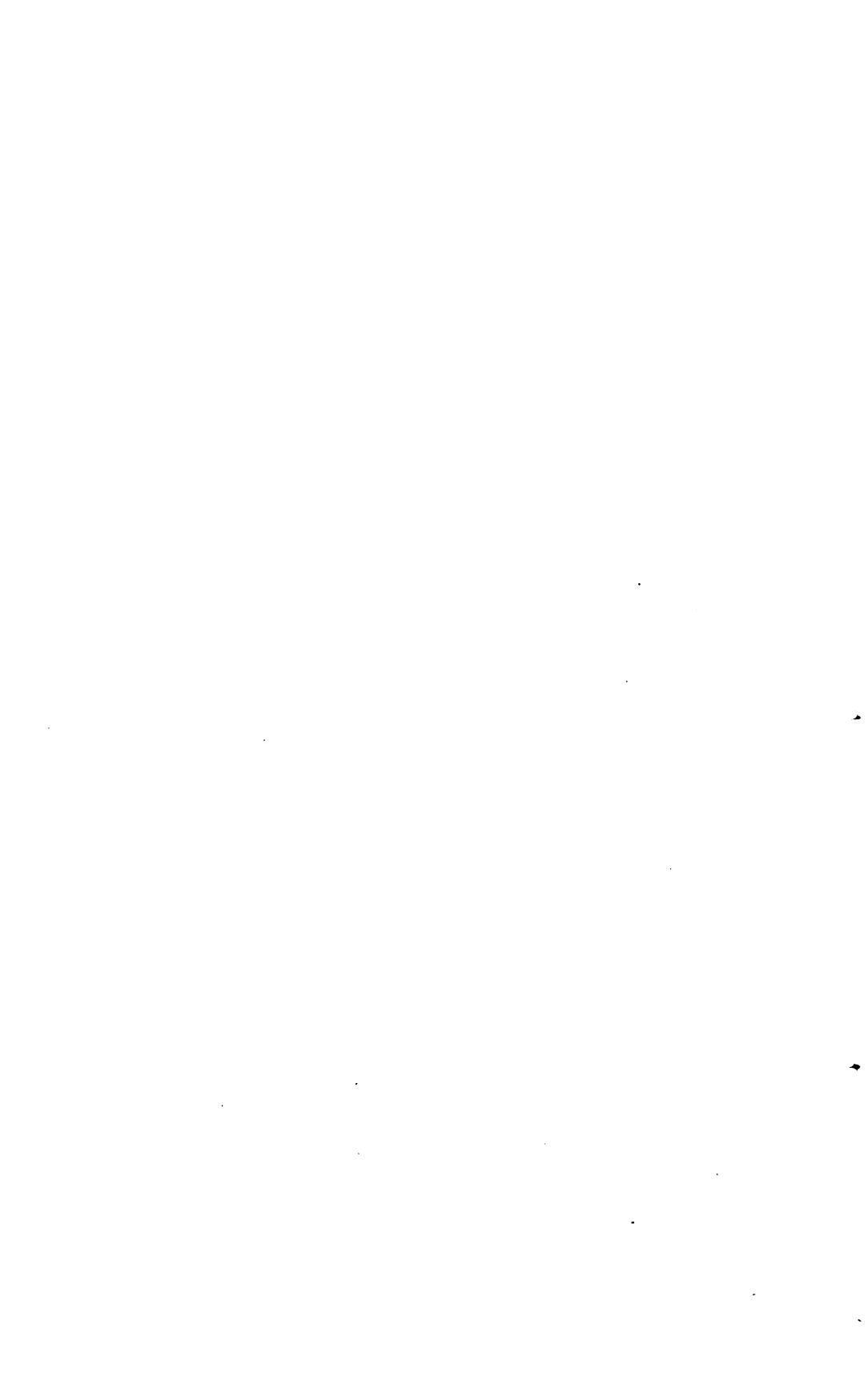
ANNA L. BRÖNN. DEX.

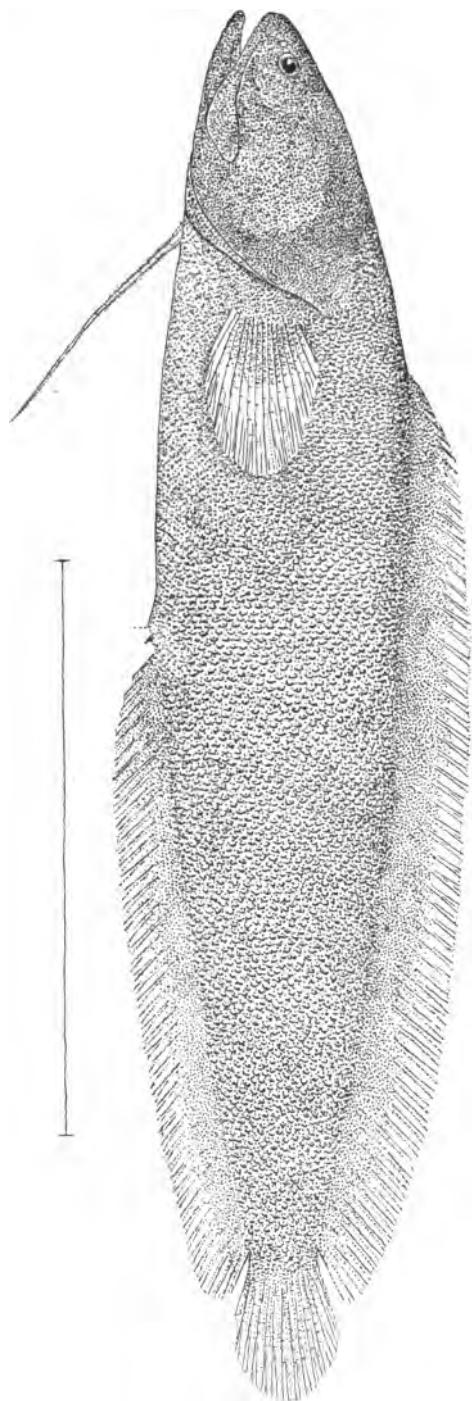
LITH. BRÖNN & HEY. SE.





ENNEANECTES CARMINALIS.

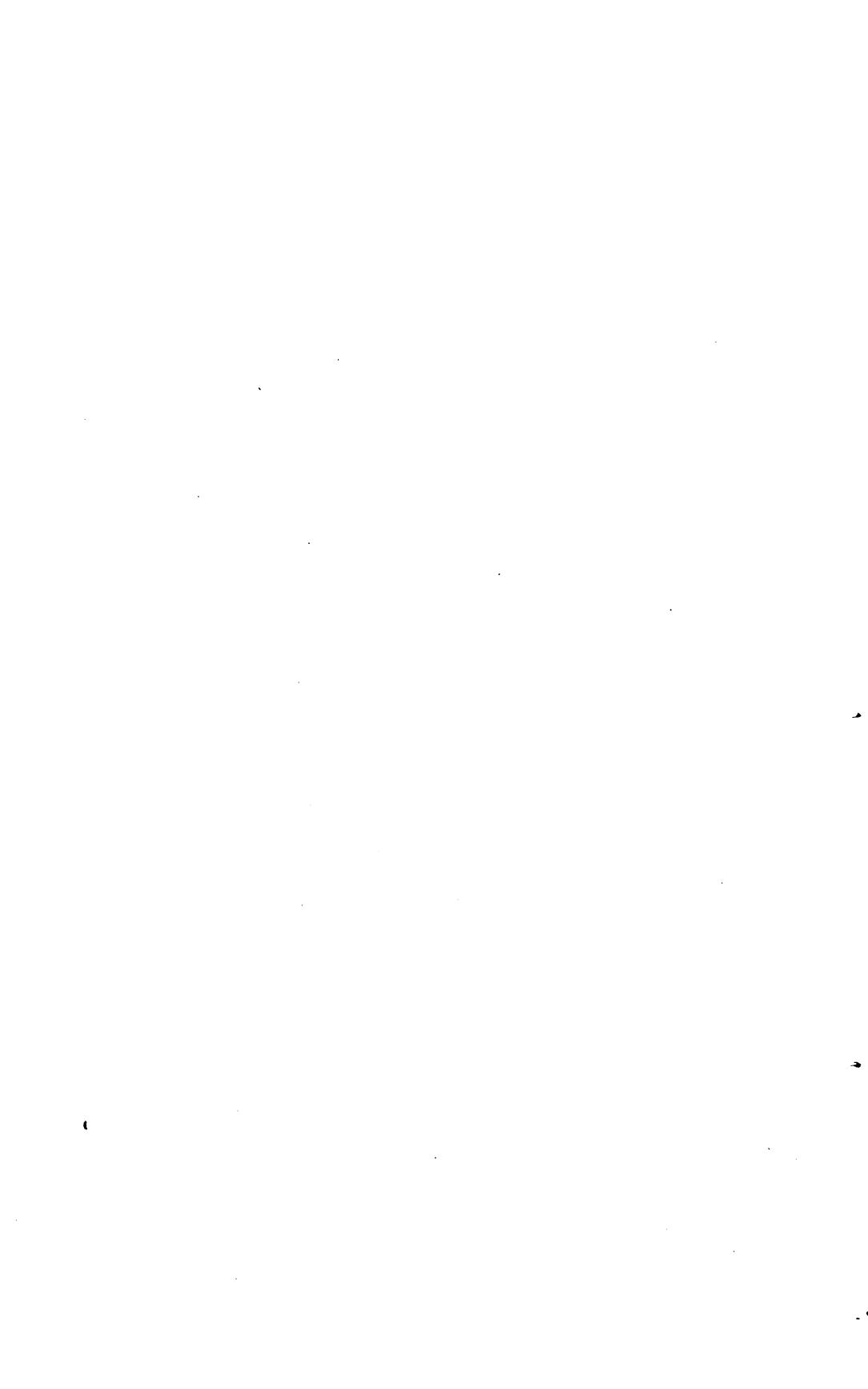


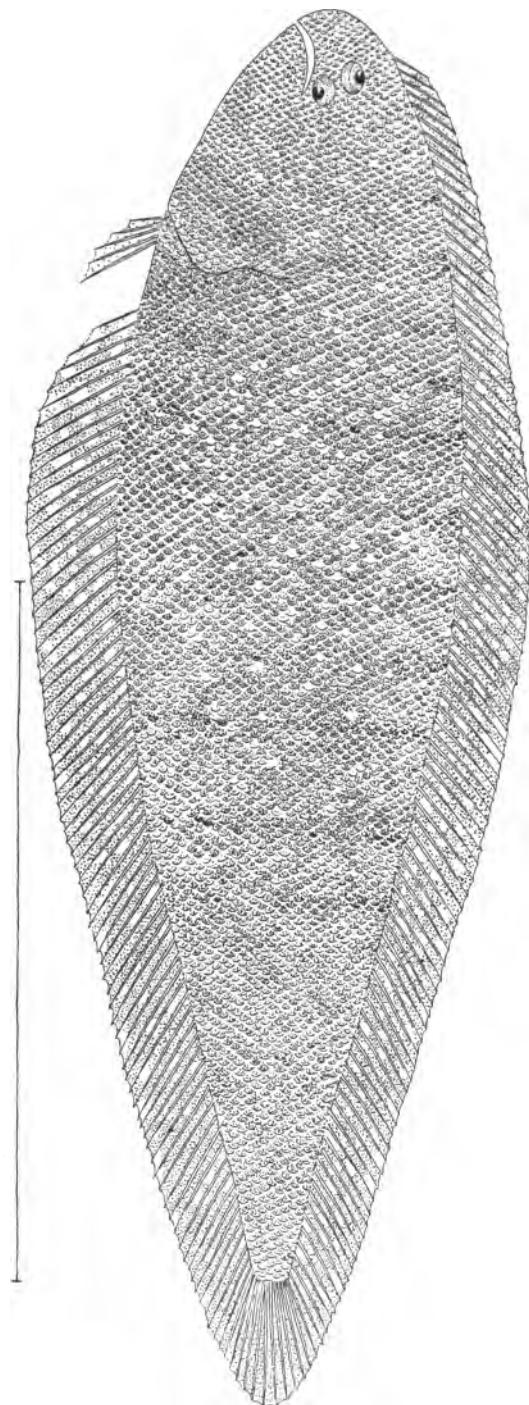


DINEMATICHTHYS VENTRALIS.

Anna I. Brown Des.

LITH. BRITTON & HAY, JR.

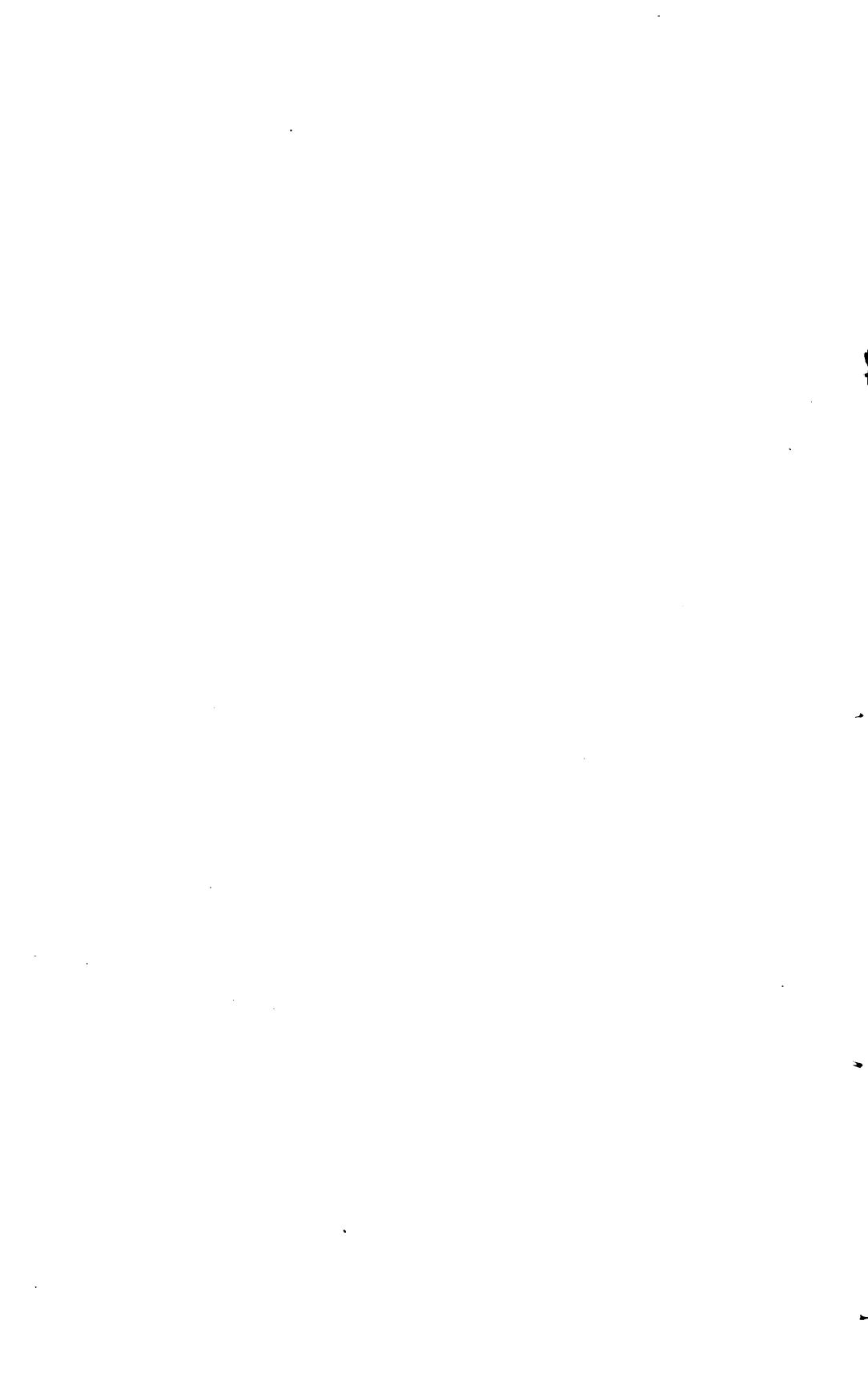


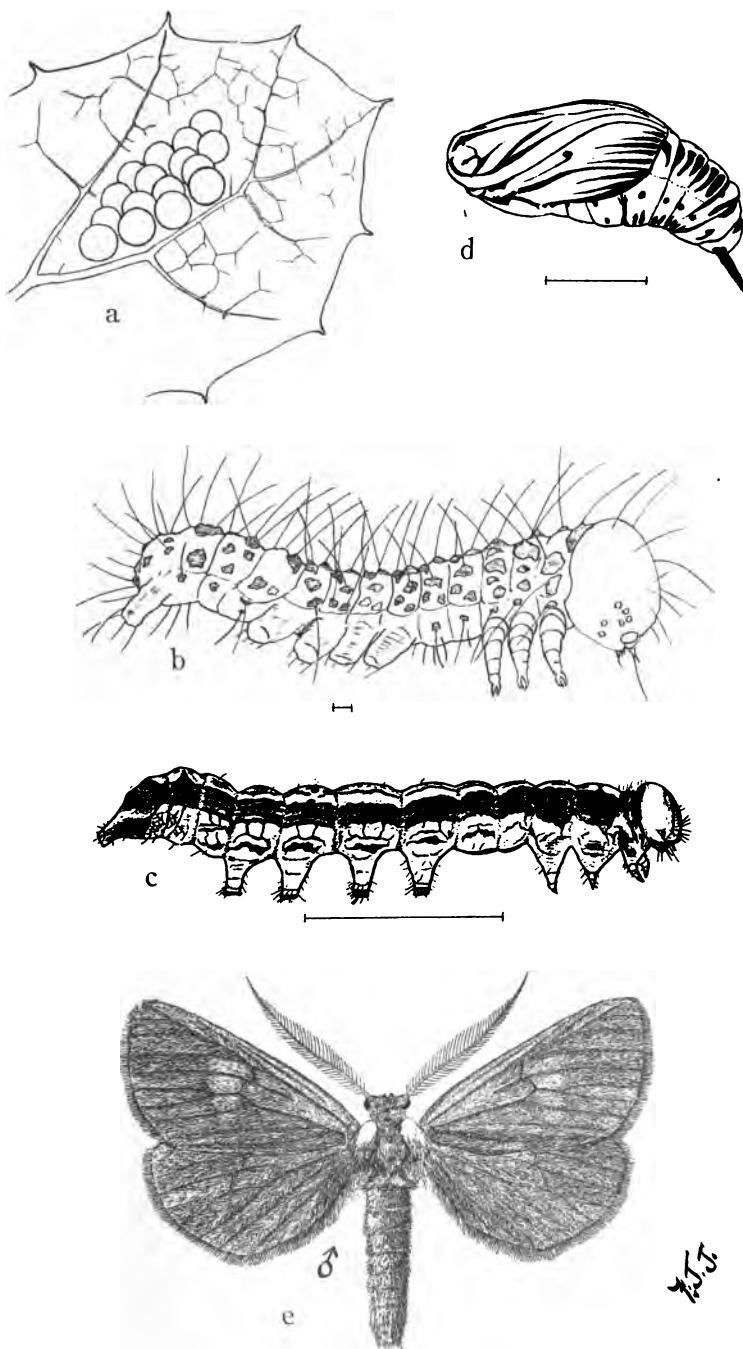


SYMPHURUS WILLIAMSII.

Anna L Brown Del.

LITH. BRITTON & HENRY, JR.





PHRYGANIDIA CALIFORNICA Pack.
A, eggs; B, larva, first stage; C, larva, sixth stage; D, pupa; E, imago, male.

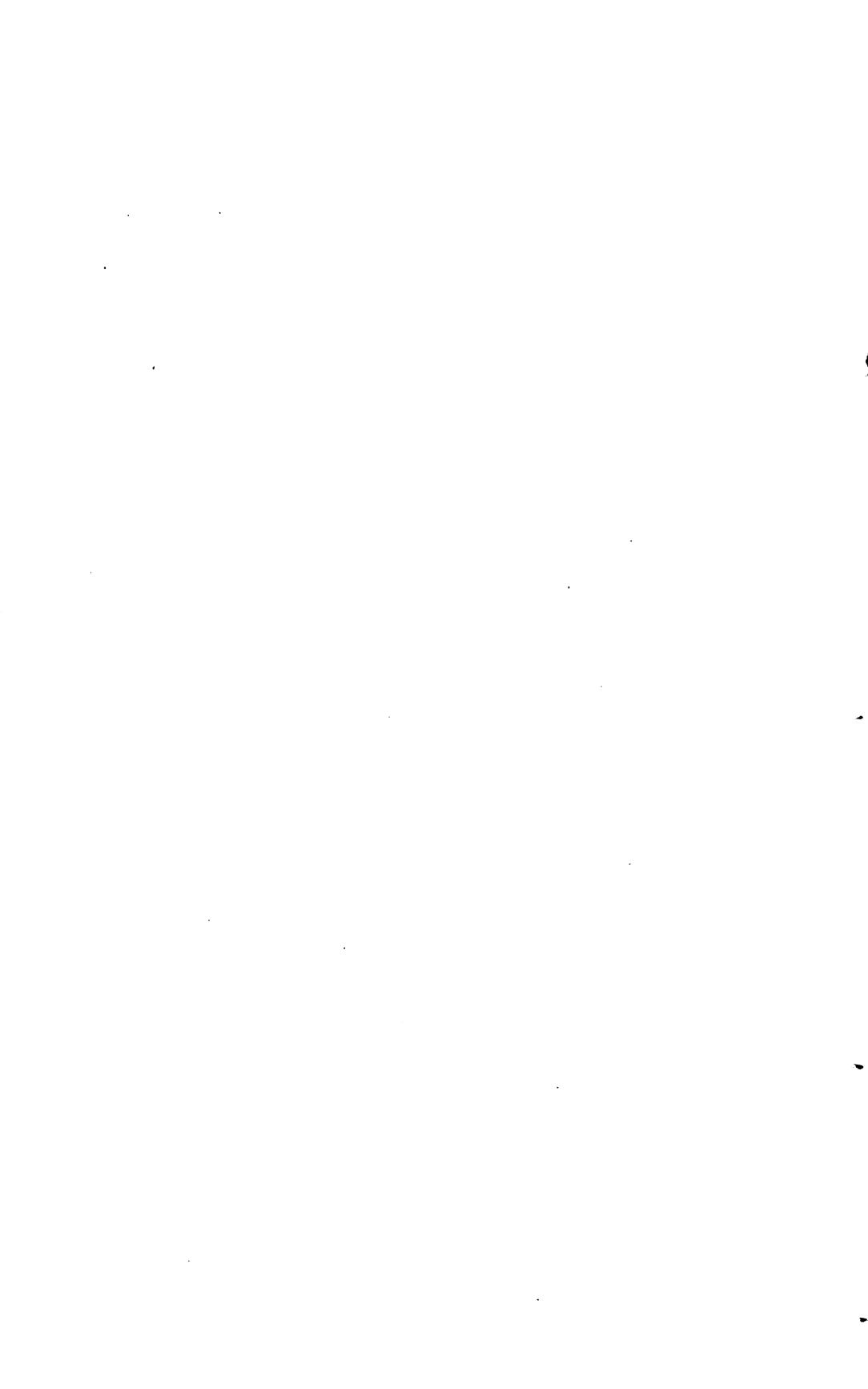
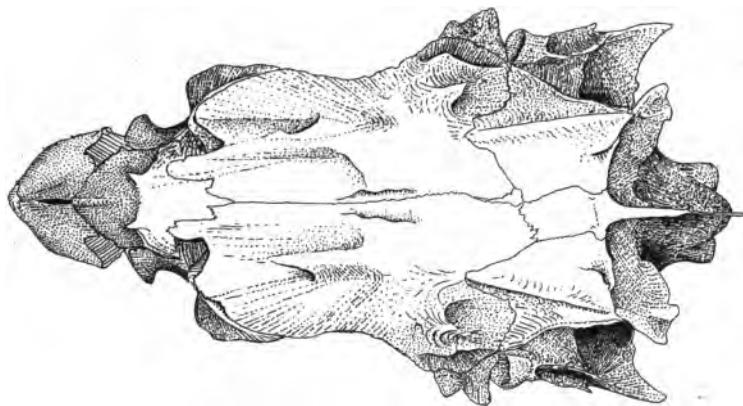
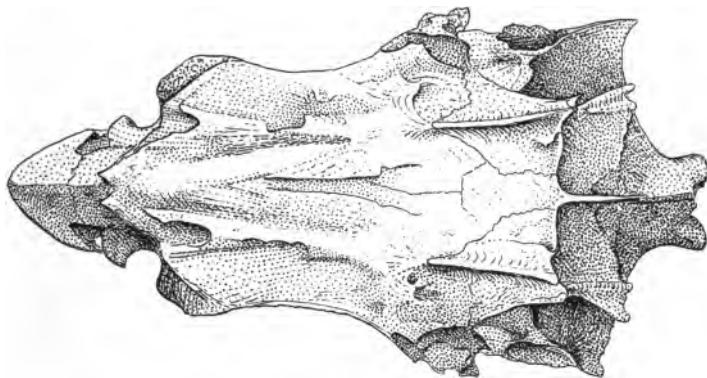


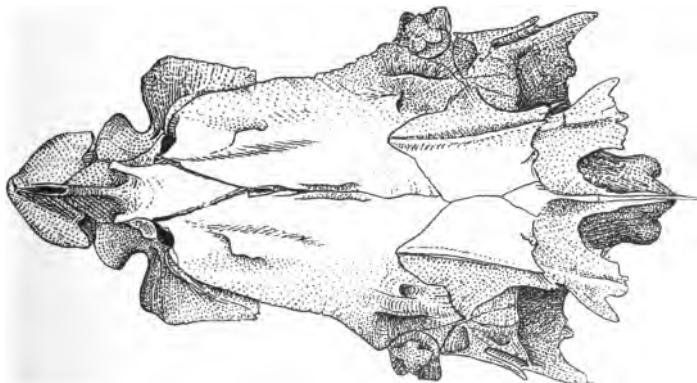
PLATE LVII.



1. **SEBASTODES PAUCISPINIS**



2. **SEBASTODES GOODEI**



3. **SEBASTODES FLAVIDUS**

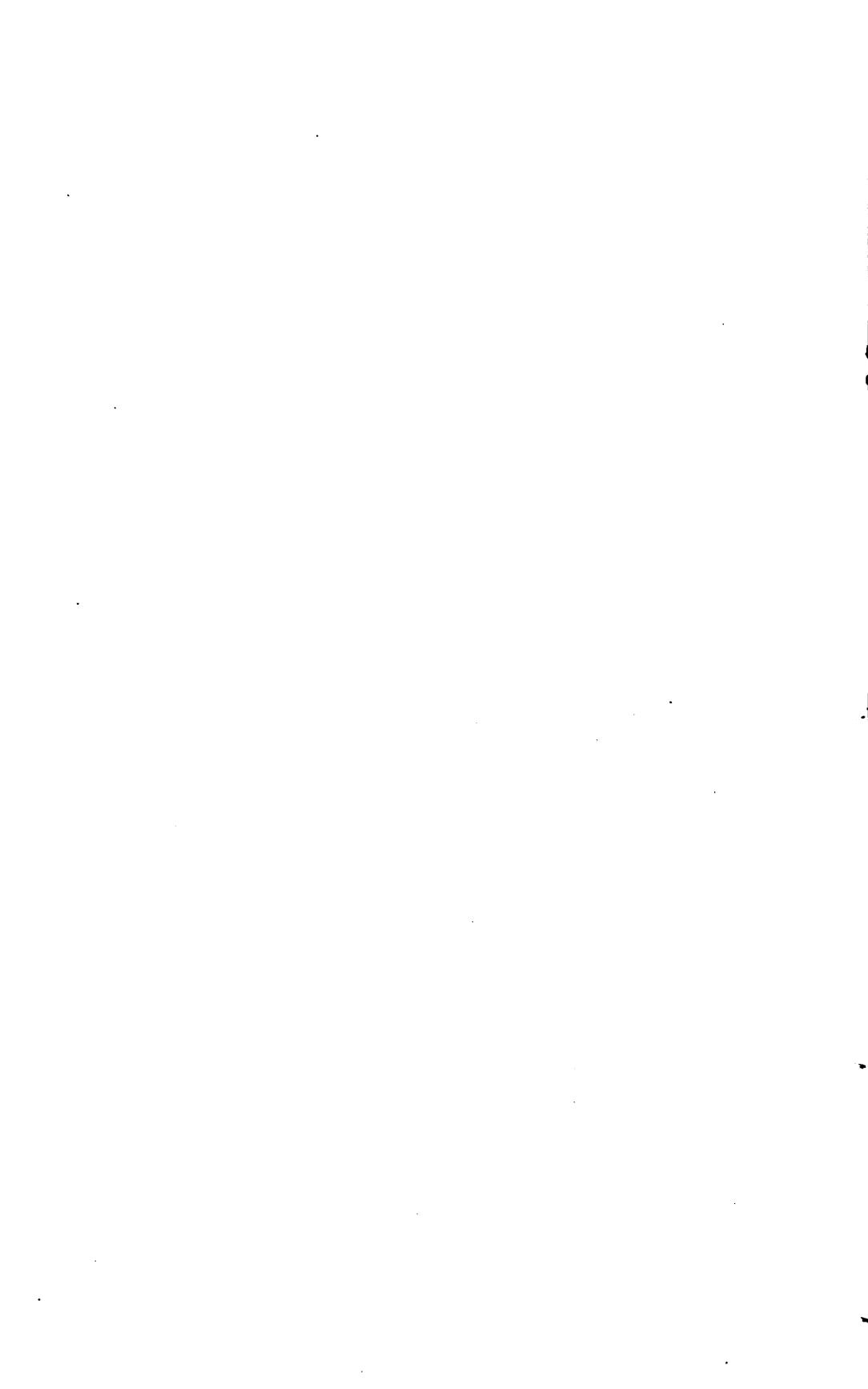
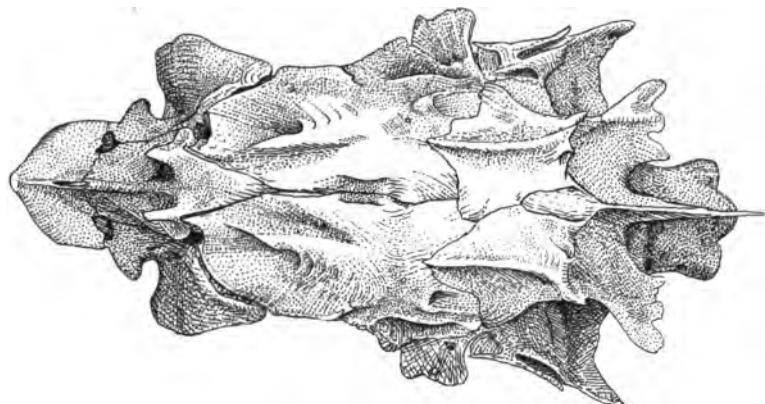
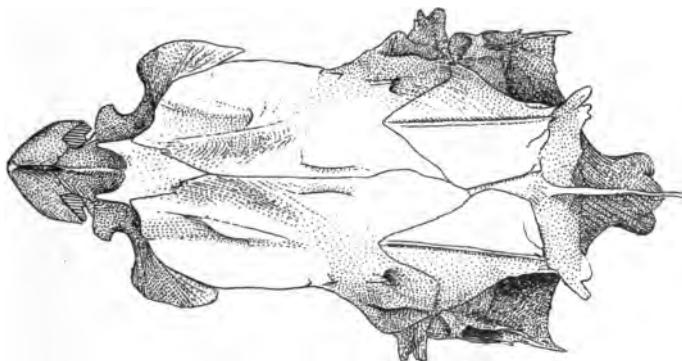


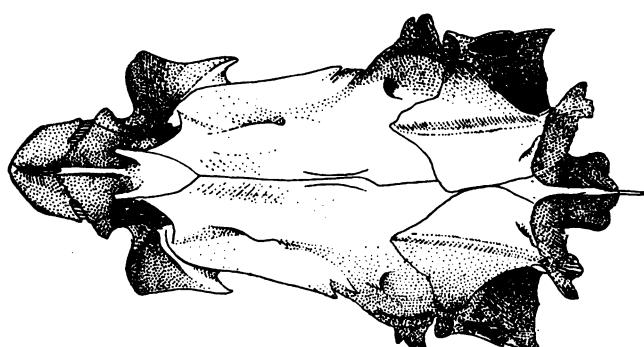
PLATE LVIII.



4. *SEBASTODES MELANOPS*



5. *SEBASTODES ENTOMELAS*



6. *SEBASTODES OVALIS*

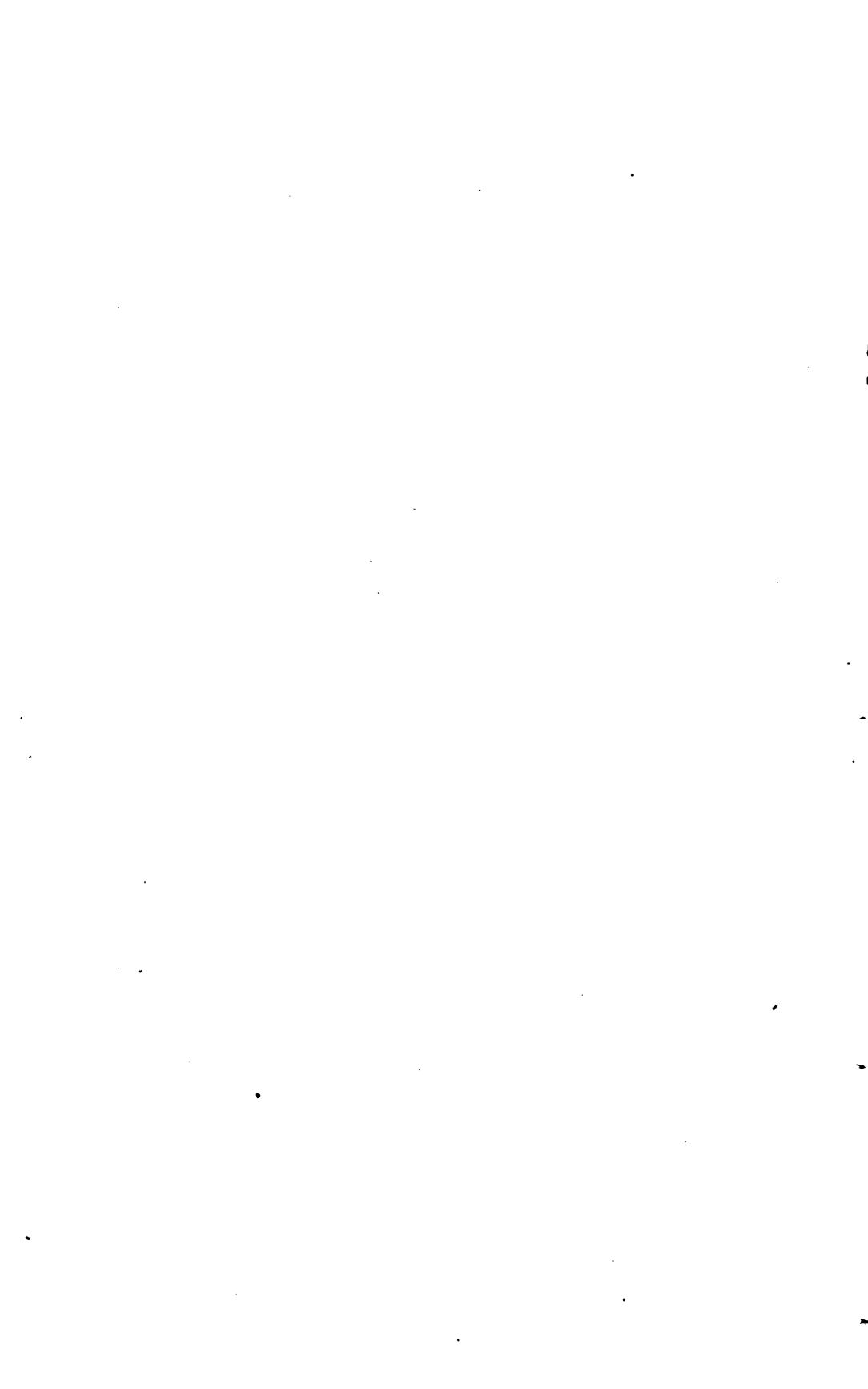
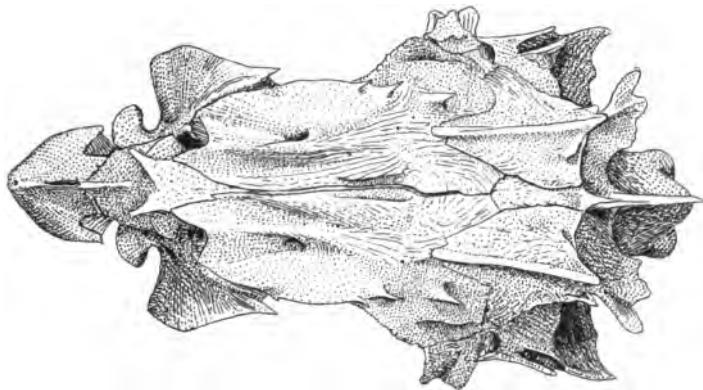
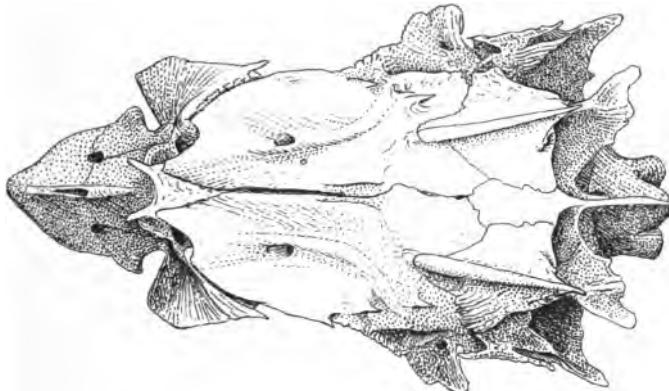


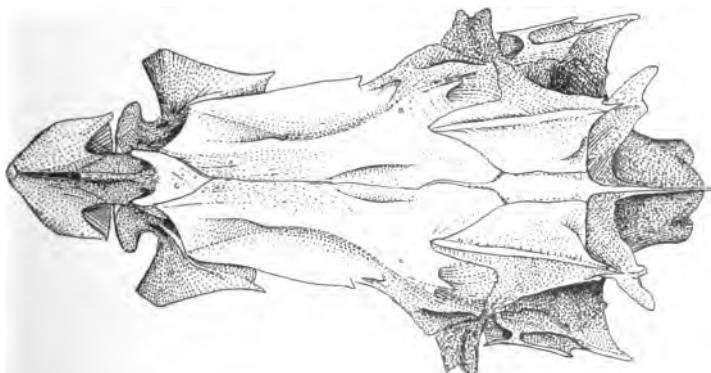
PLATE LIX.



7. SEBASTODES PINNIGER



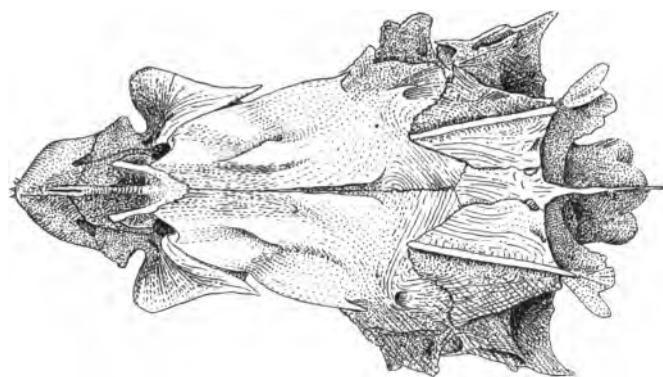
8. SEBASTODES MINIATUS



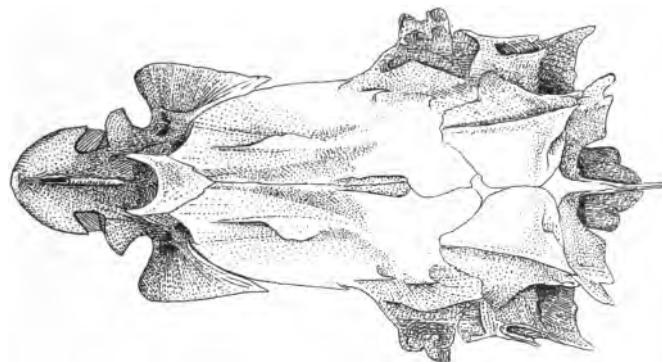
9. SEBASTODES MINIATUS



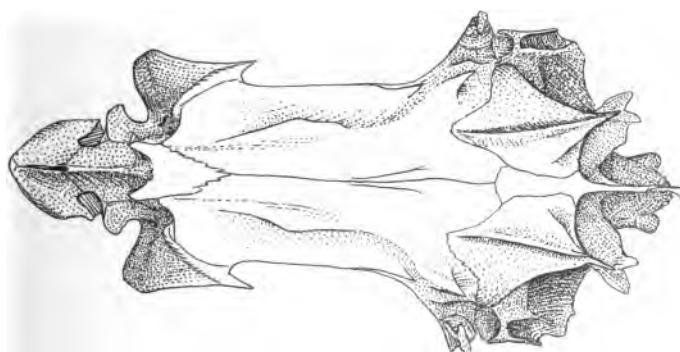
PLATE LX.



IO. *SEBASTODES ATROVIRENS*



II. *SEBASTODES SP. INCOG.*



12. *SEBASTODES SAXICOLA*

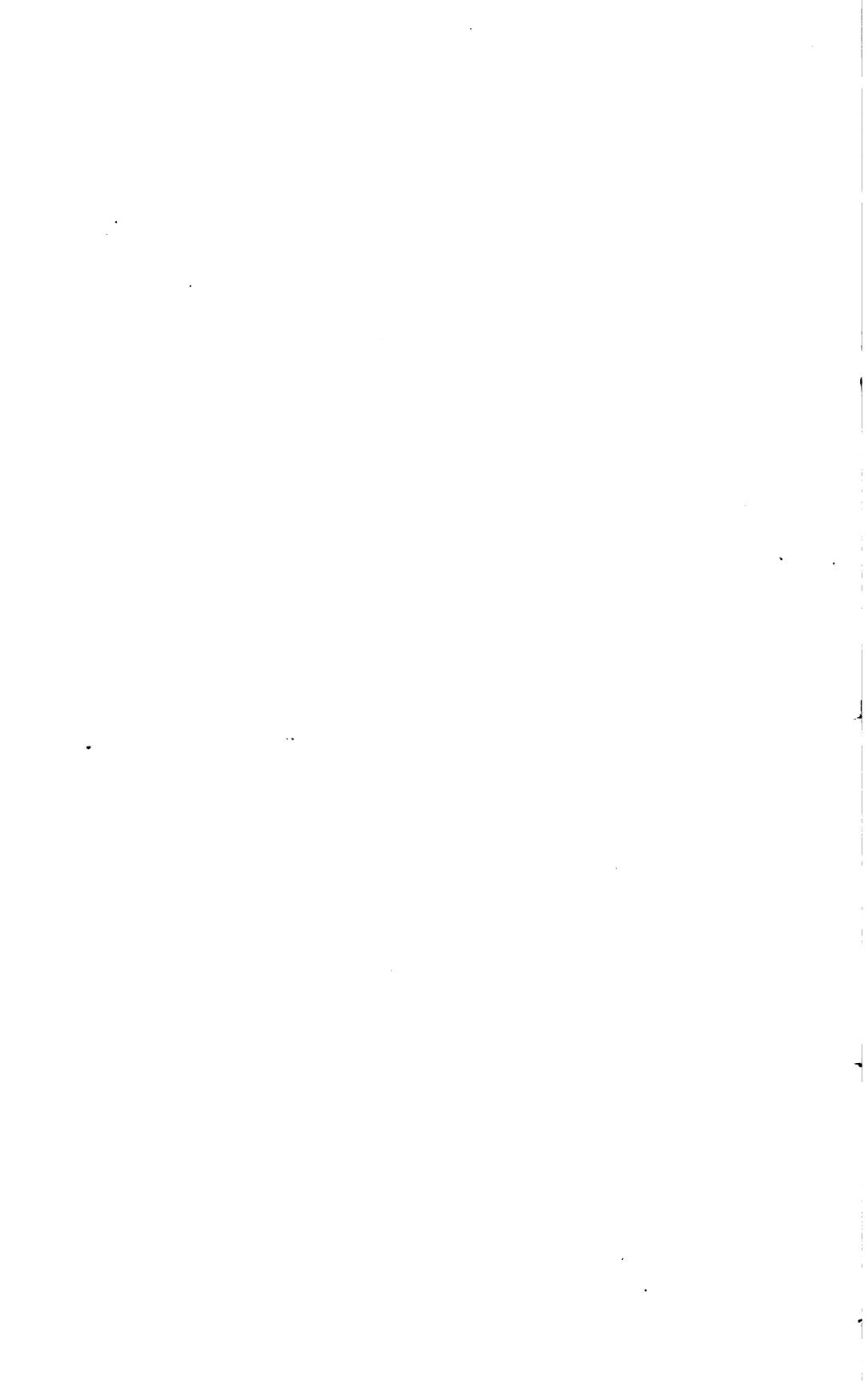
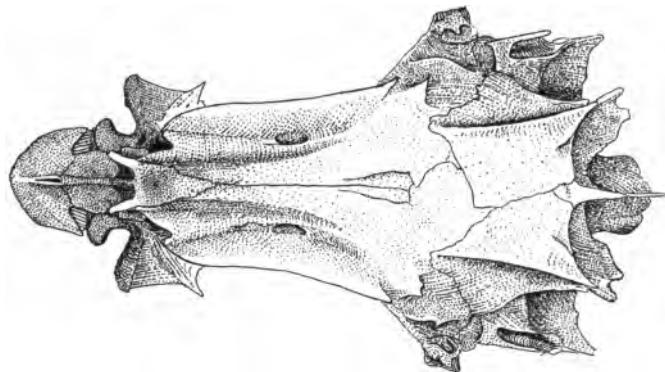
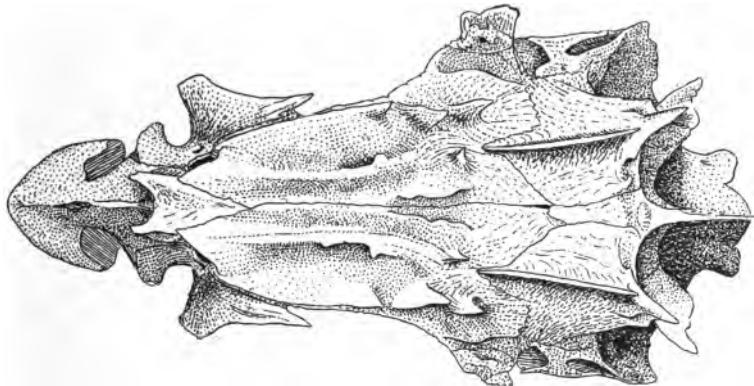


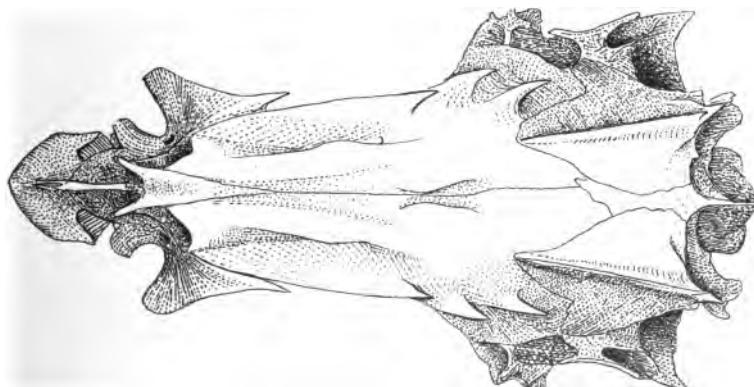
PLATE LXI



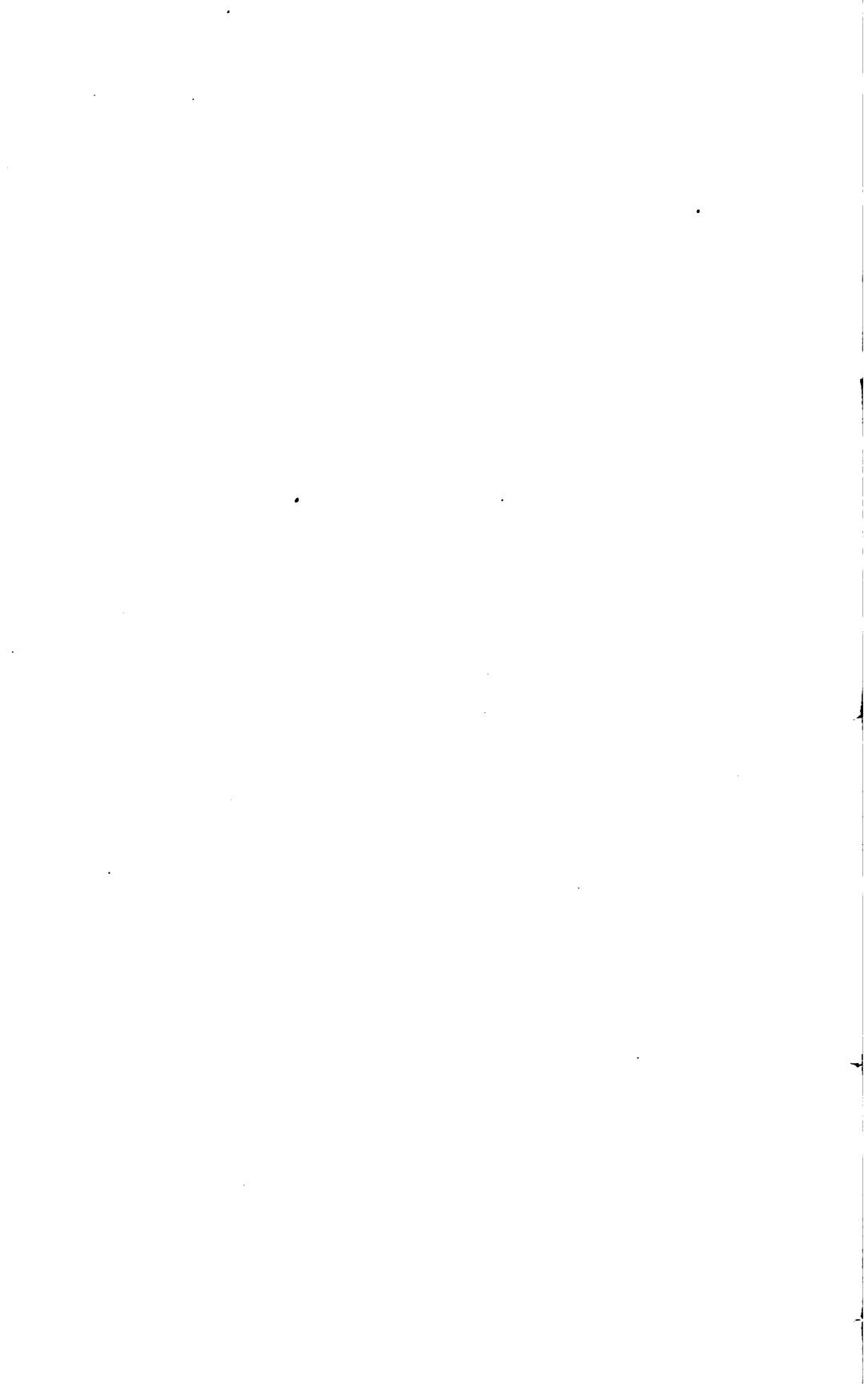
13. *SEBASTODES DIPLOPROA*

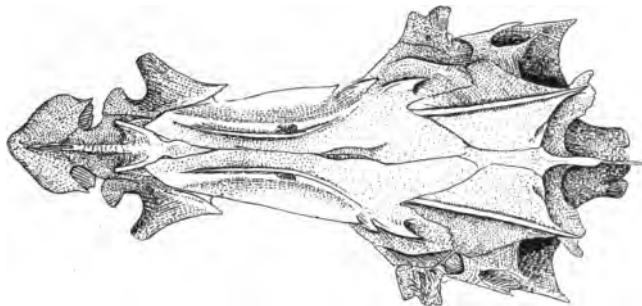


14. *SEBASTODES INTRONIGER*

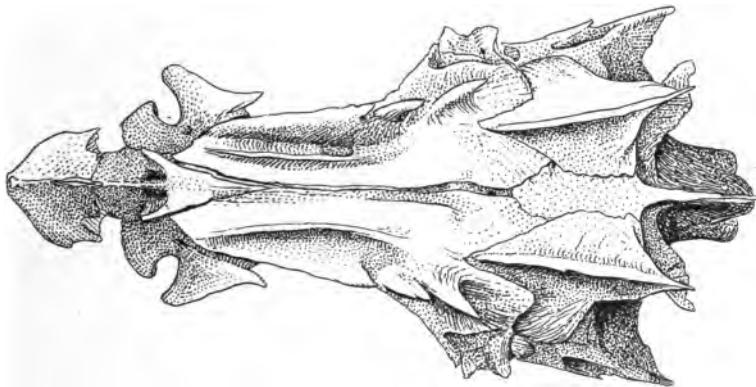


15. *SEBASTODES AURORA*

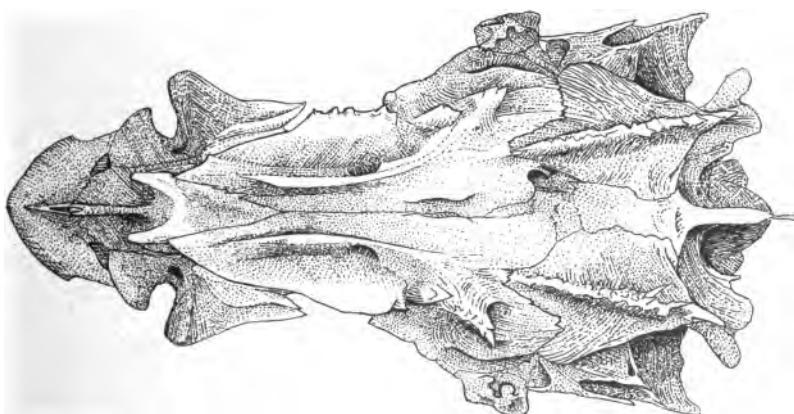




16. *SEBASTODES RUBERRIMUS*



17. *SEBASTODES RUBERRIMUS*



18. *SEBASTODES RUBERRIMUS*

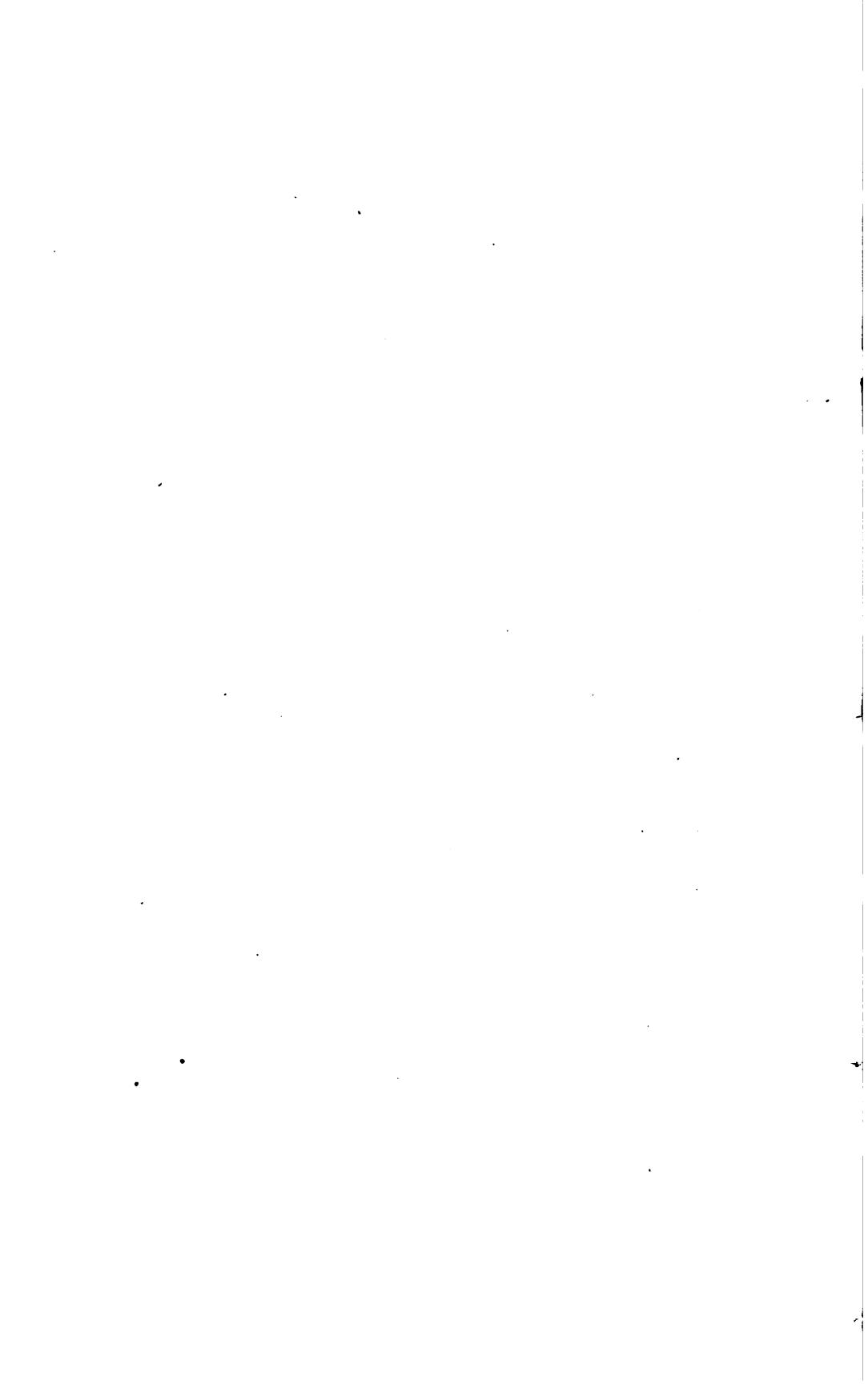
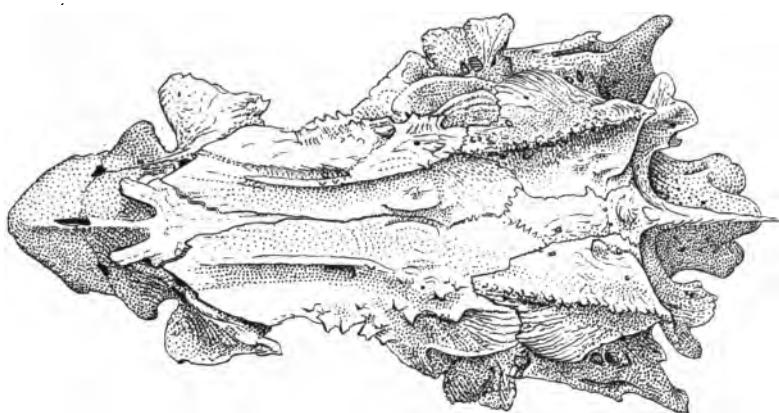
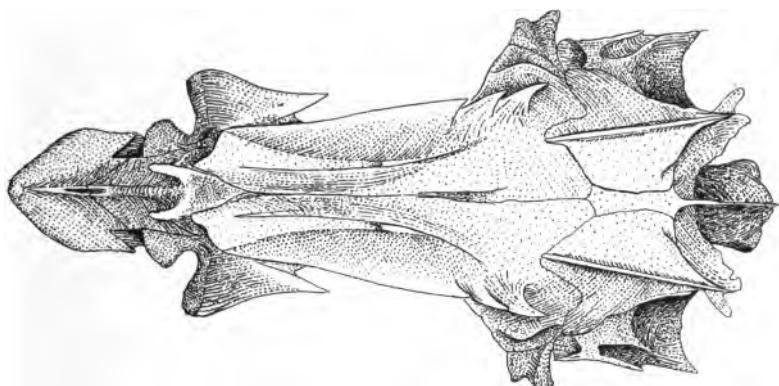


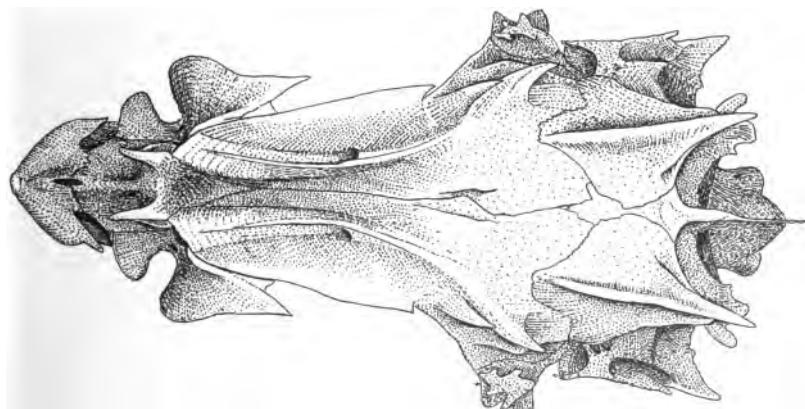
PLATE LXIII.



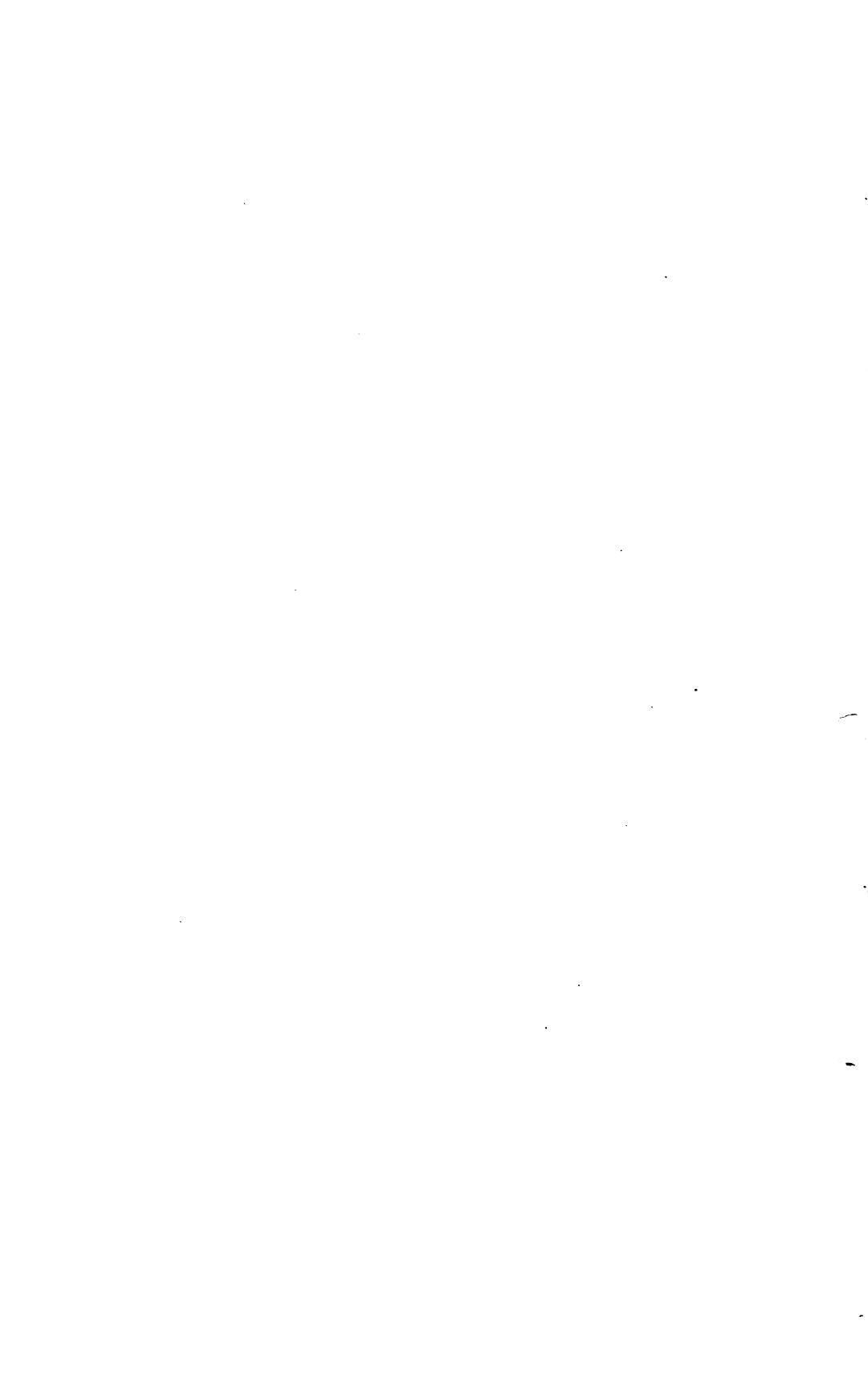
19. *SEBASTODES RUBERRIMUS*

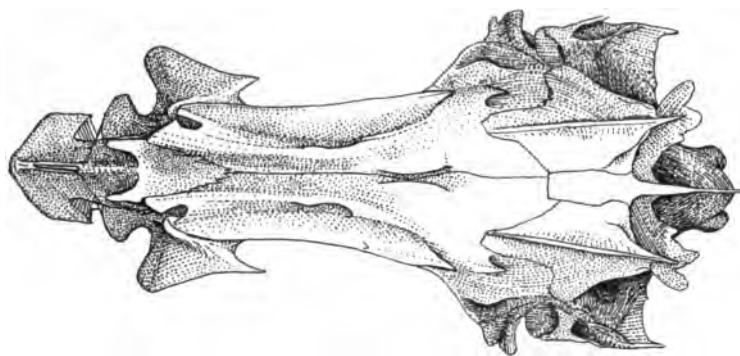


20. *SEBASTODES ROSACEUS*

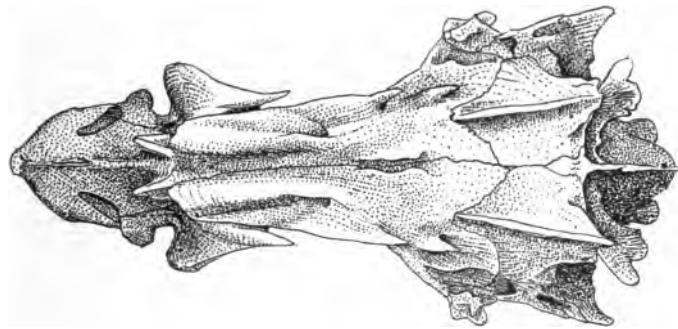


21. *SEBASTODES CHLOROSTICTUS*

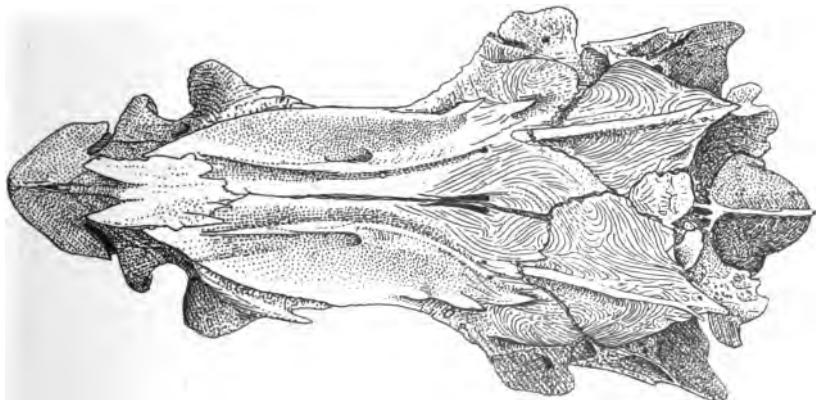




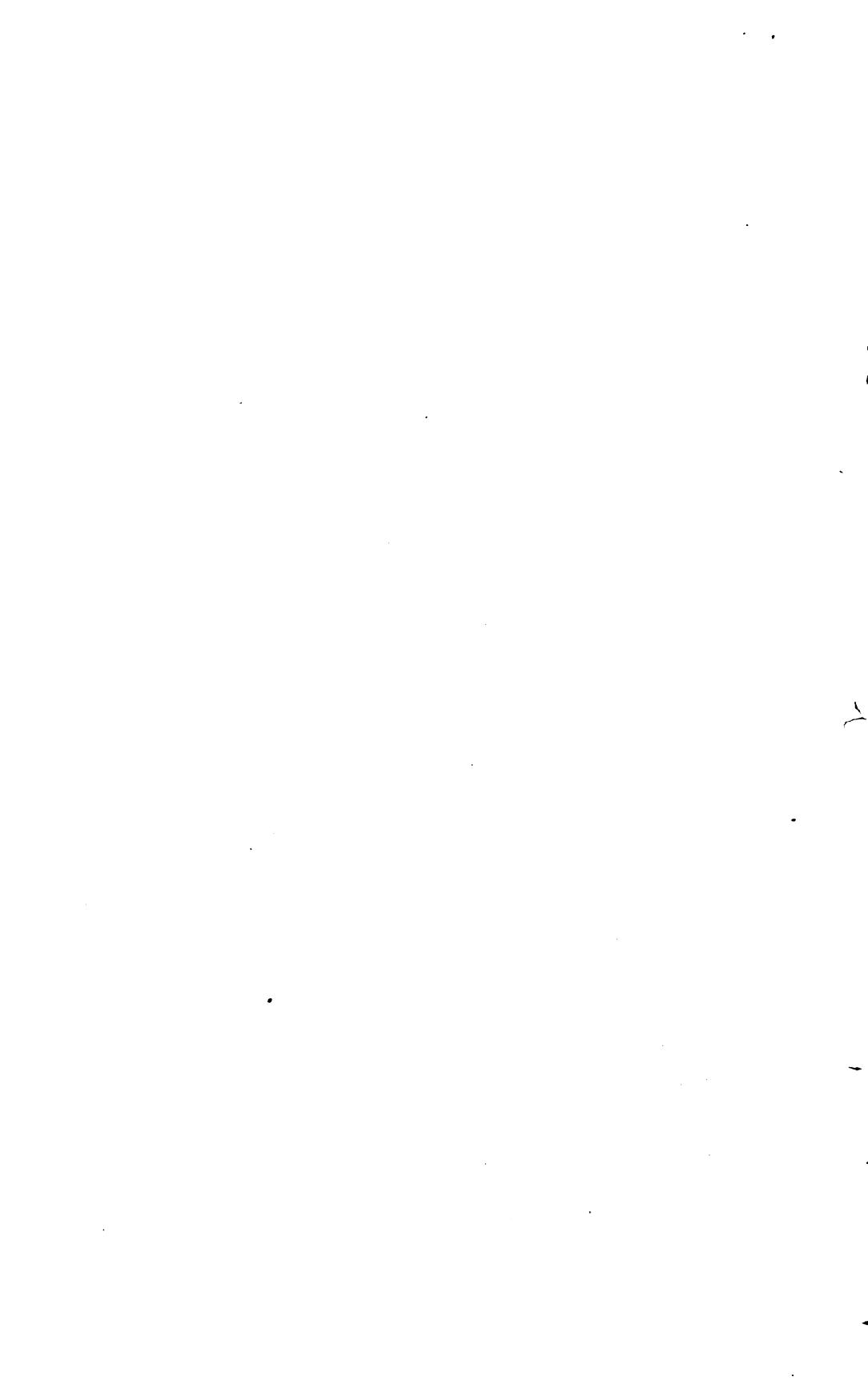
22. *SEBASTODES ELONGATUS*

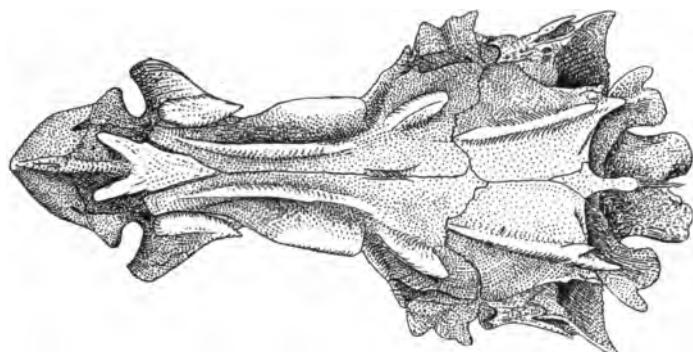


23. *SEBASTODES RUBRIVINCTUS*

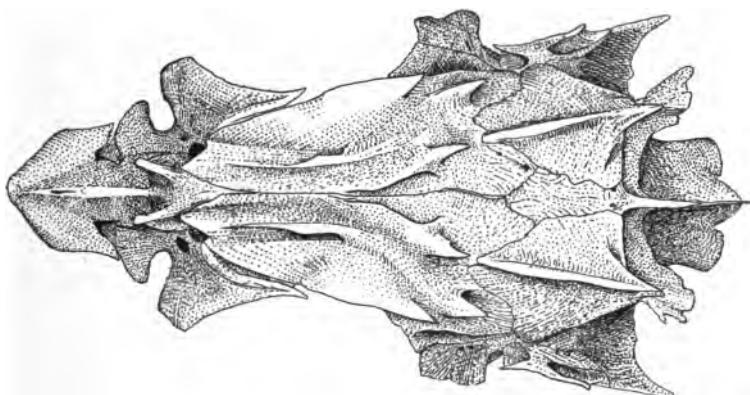


24. *SEBASTODES LEVIS*

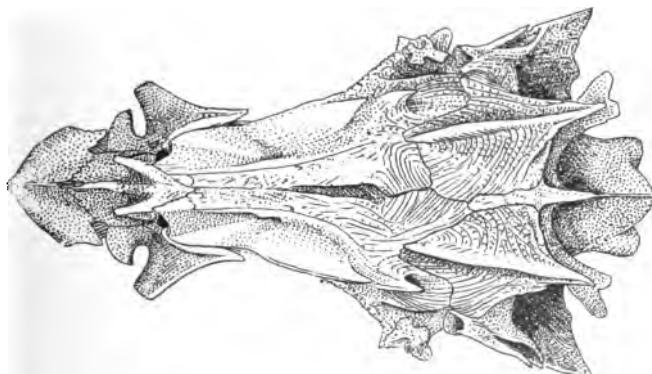




25. *SEBASTODES SERRICEPS*

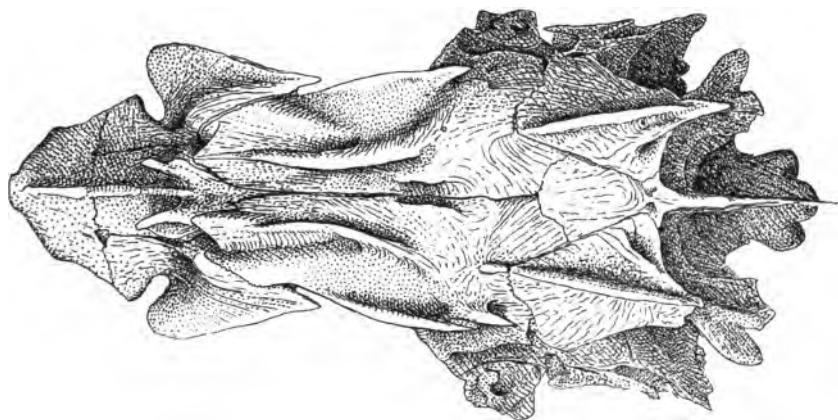


26. *SEBASTODES AURICULATUS*

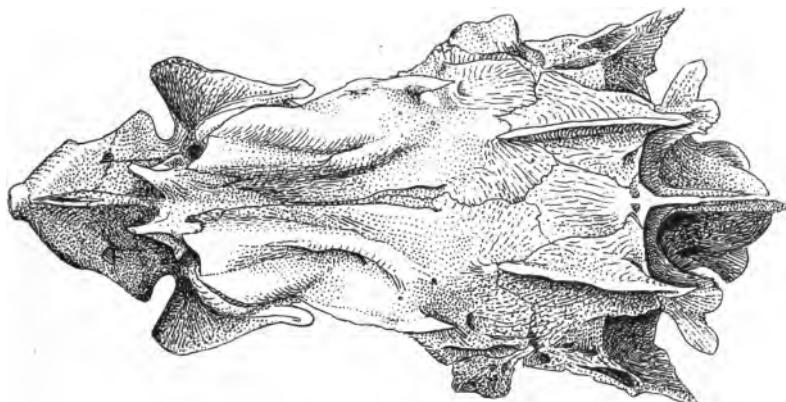


27. *SEBASTODES RASTRELLIGER*

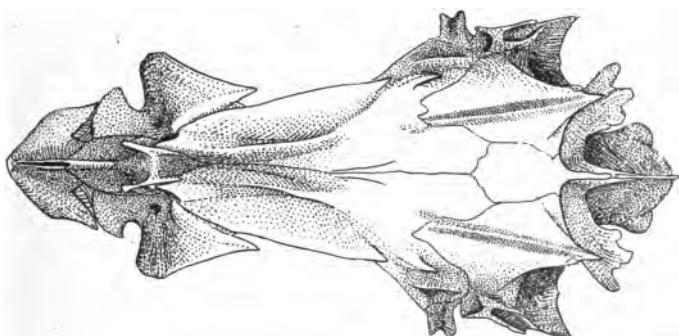




28. SEBASTODES VEXILLARIS



29. SEBASTODES VEXILLARIS



30. SEBASTODES MALIGER

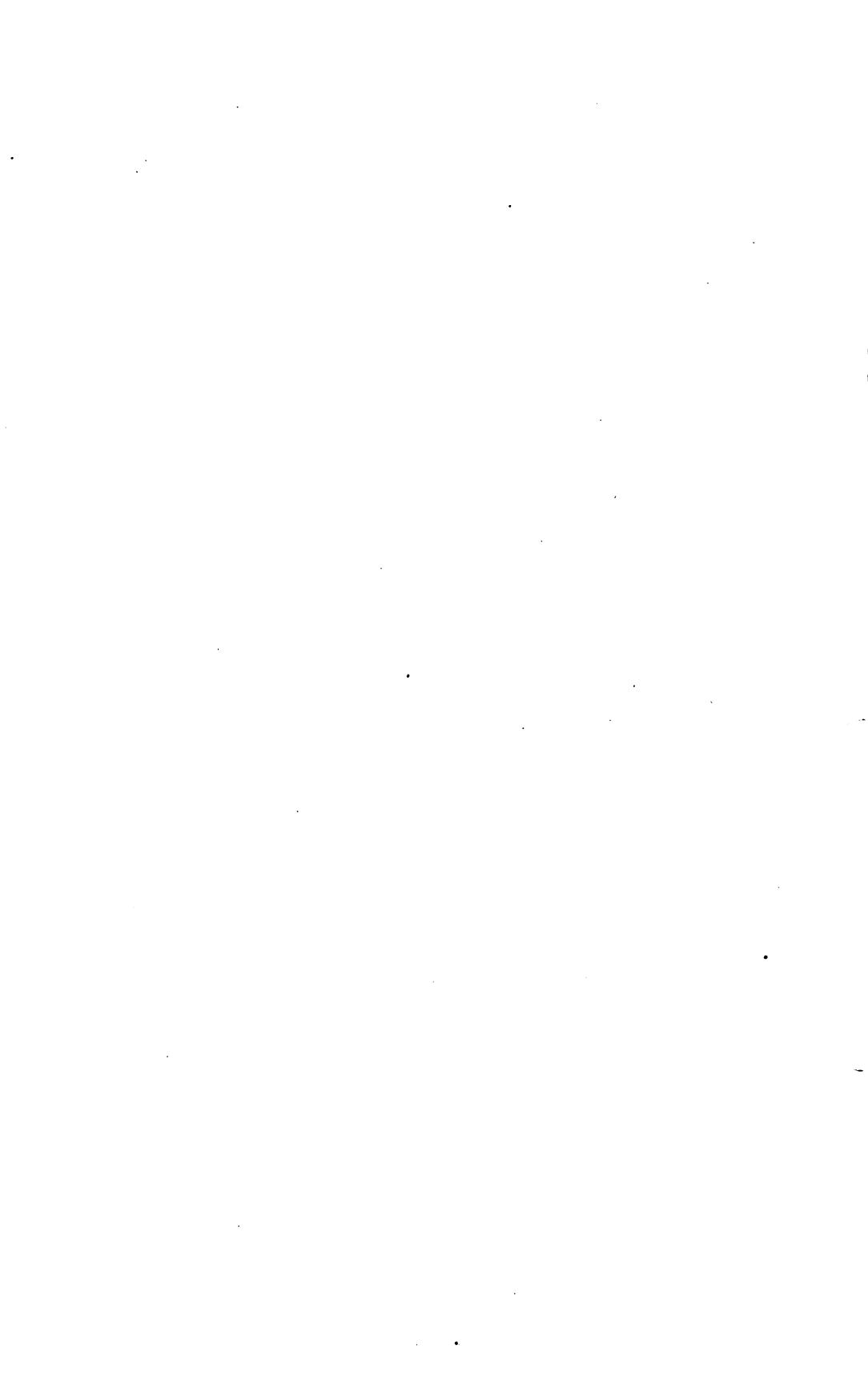
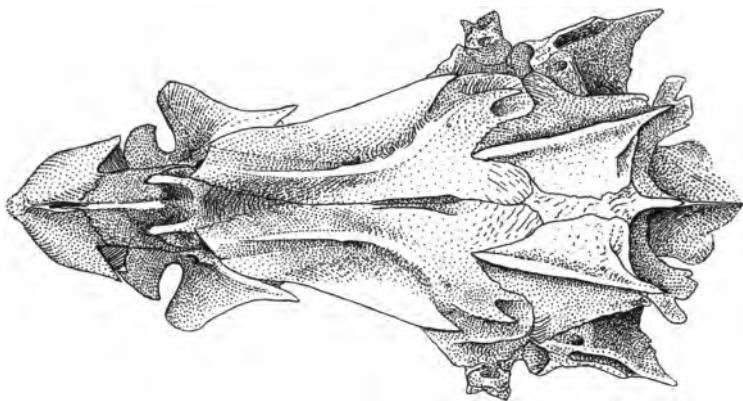
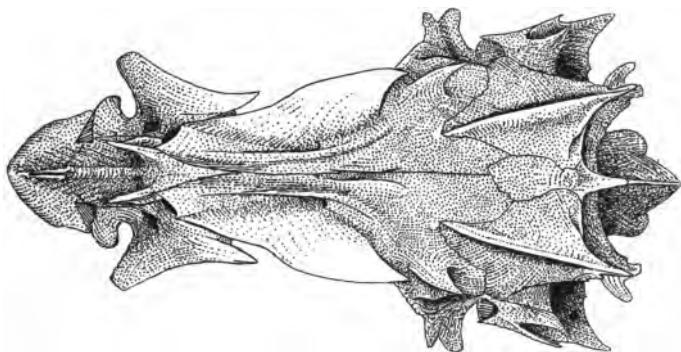


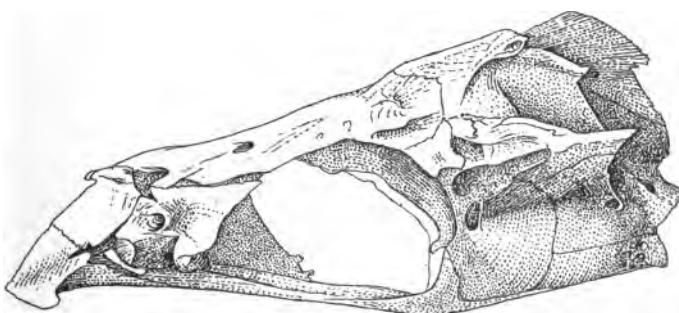
PLATE LXVII



31. *SEBASTODES MALIGER*



32. *SEBASTODES NEBULOSUS*



33. *SEBASTODES PAUCISPINIS*

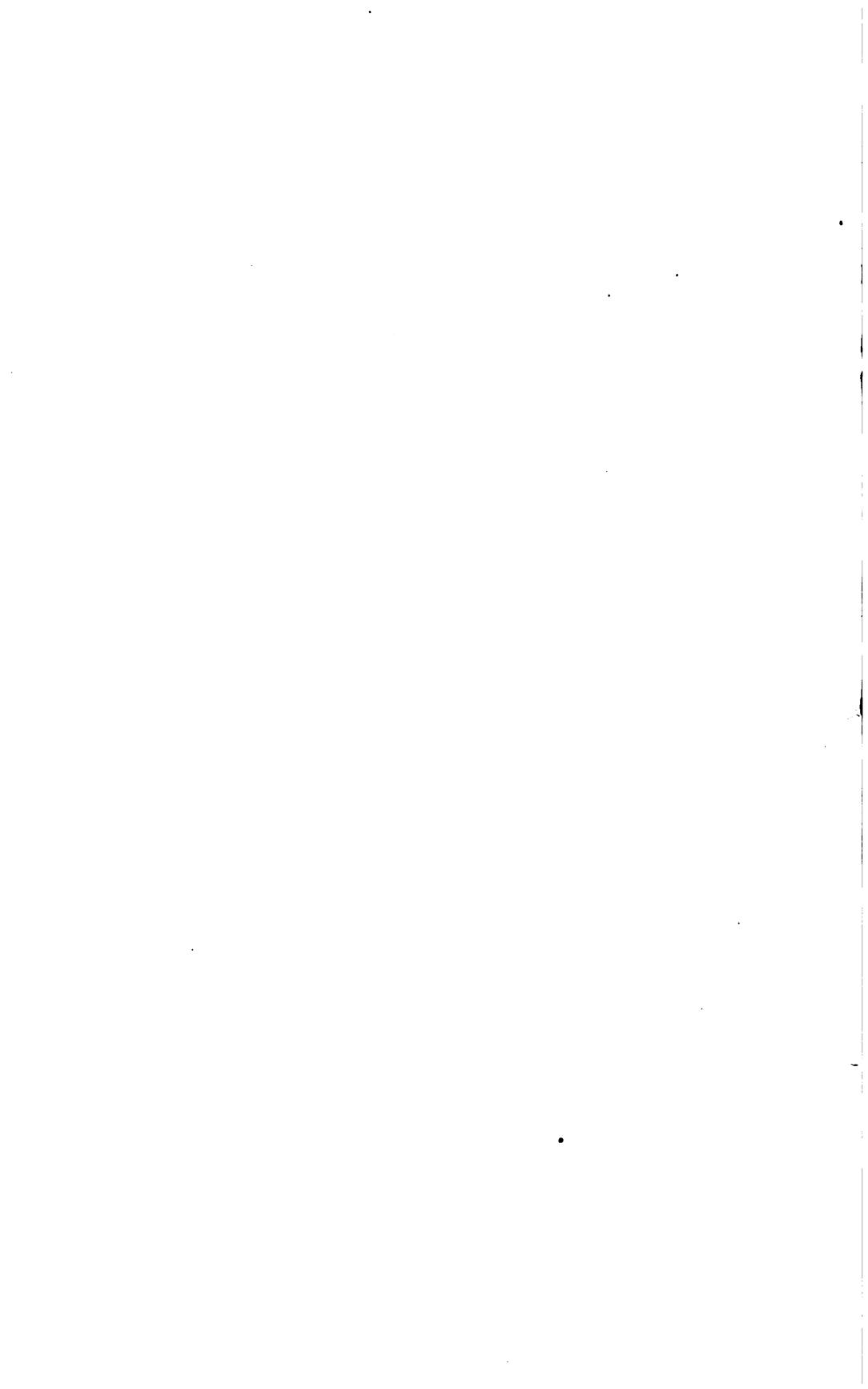
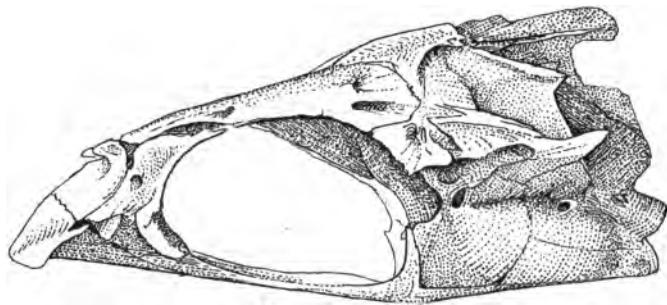
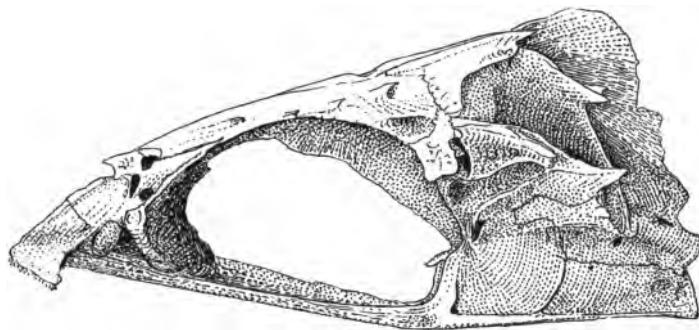


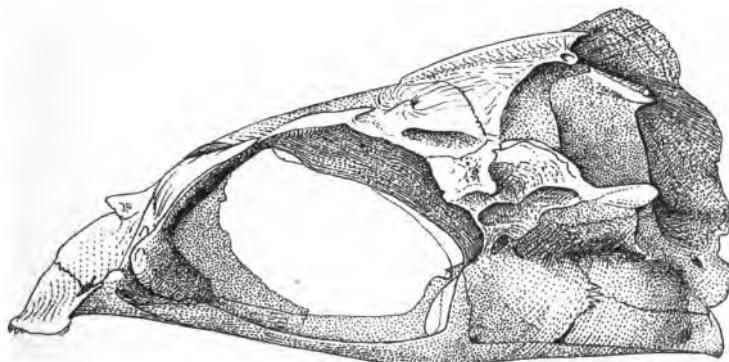
PLATE LXVIII.



34. *SEBASTODES FLAVIDUS*



35. *SEBASTODES MINIATUS*



36. *SEBASTODES ATROVIRENS*

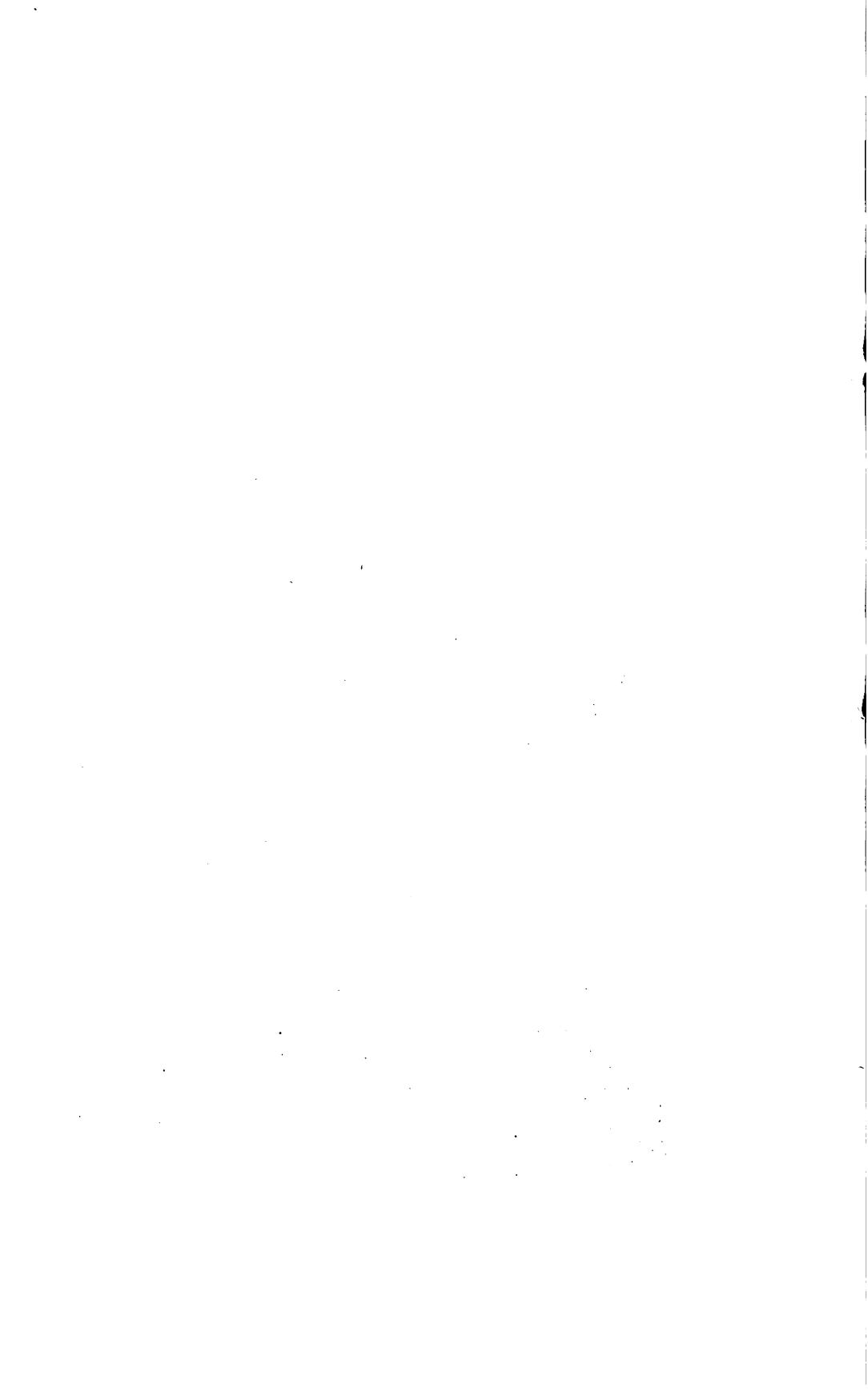
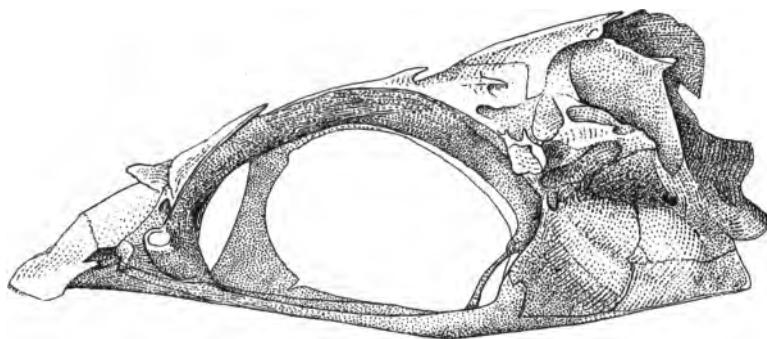
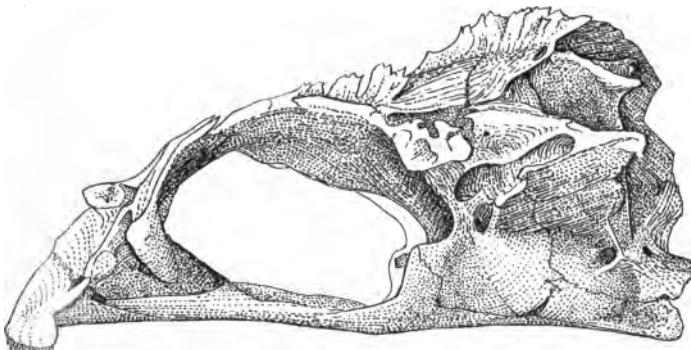


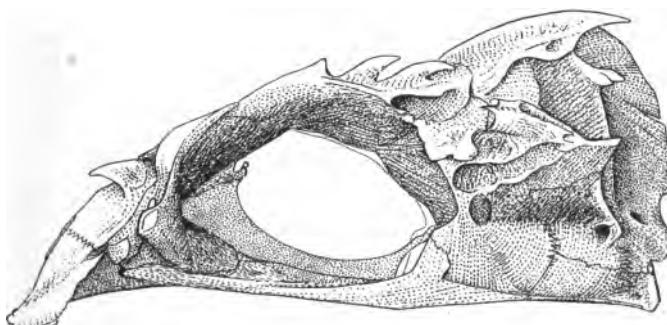
PLATE LXIX.



37. *SEBASTODES SAXICOLA*



38. *SEBASTODES RUBERRIMUS*



39. *SEBASTODES CHLOROSTICTUS*

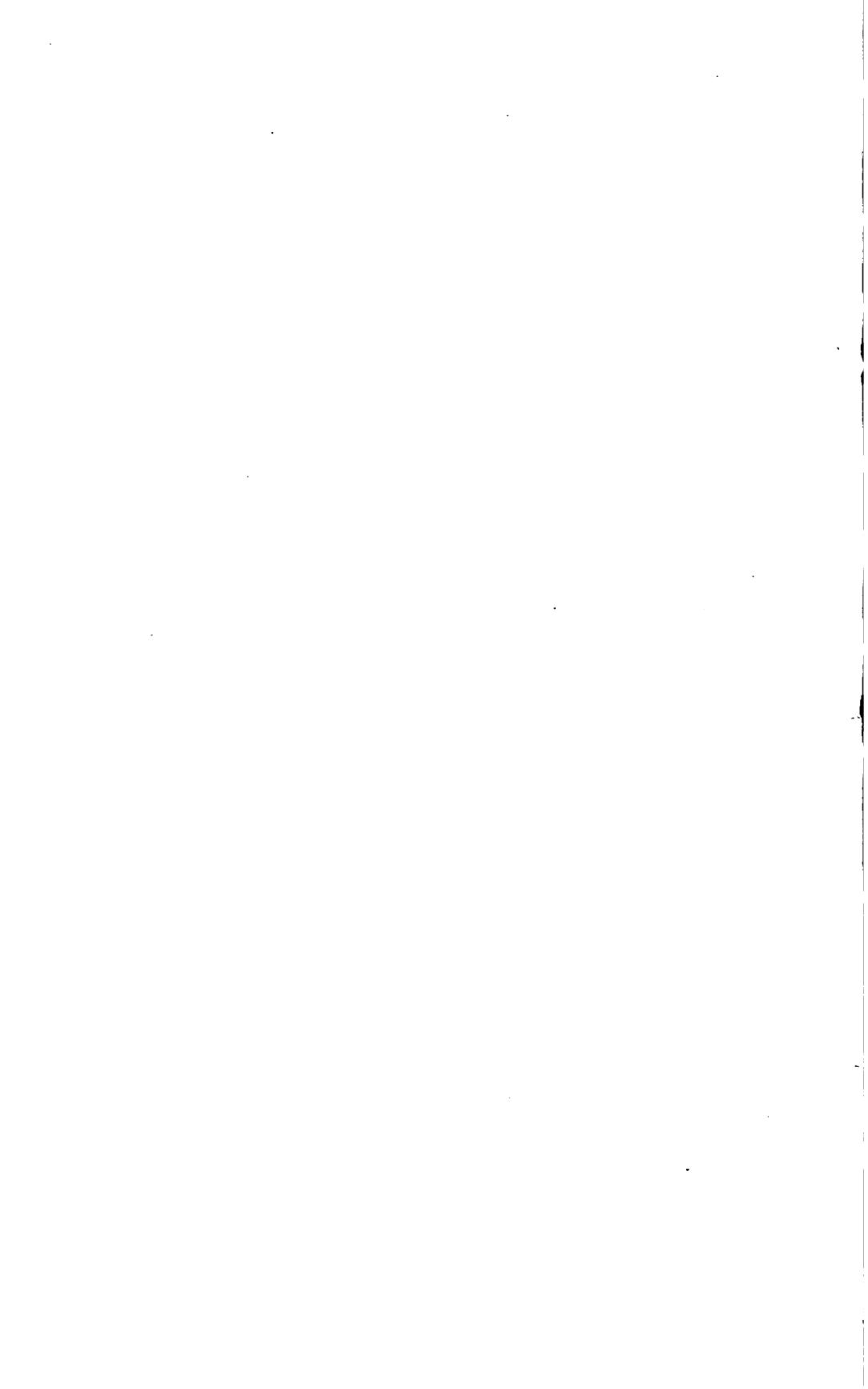
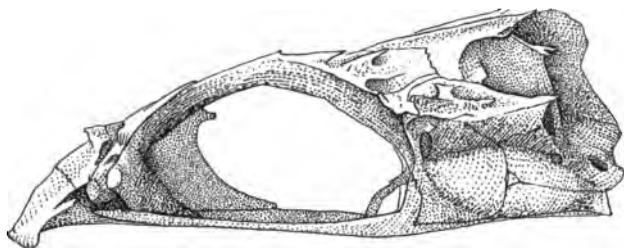
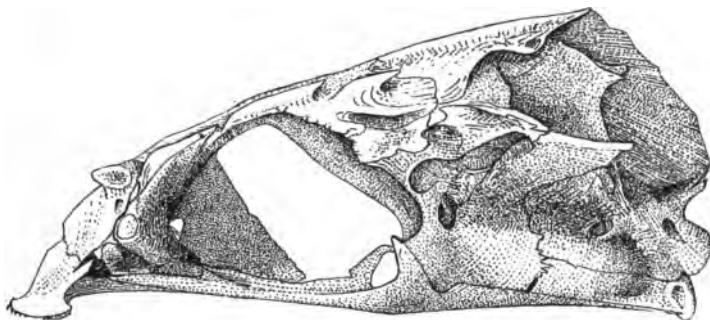


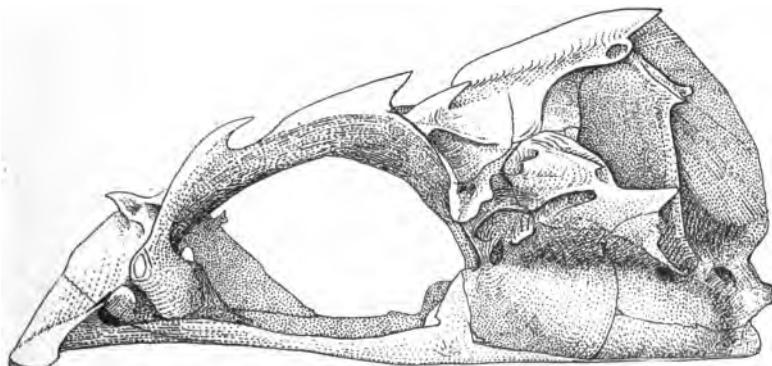
PLATE LXX.



40. *SEBASTODES ELONGATUS*



41. *SEBASTODES RASTRELLIGER*



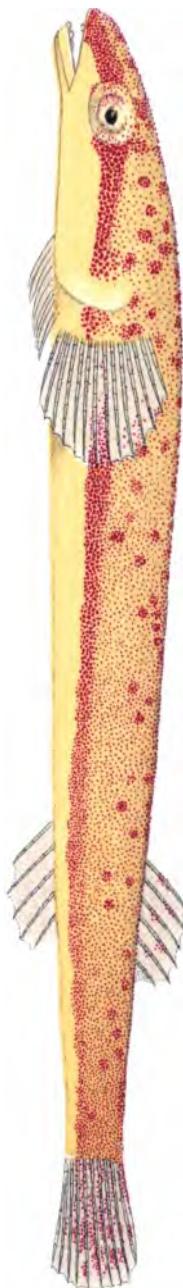
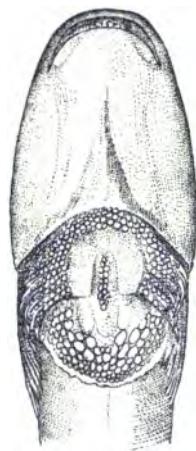
42. *SEBASTODES NEBULOSUS*



Anna L. Brown, Del.

GOBIOSOX MUSCARUM

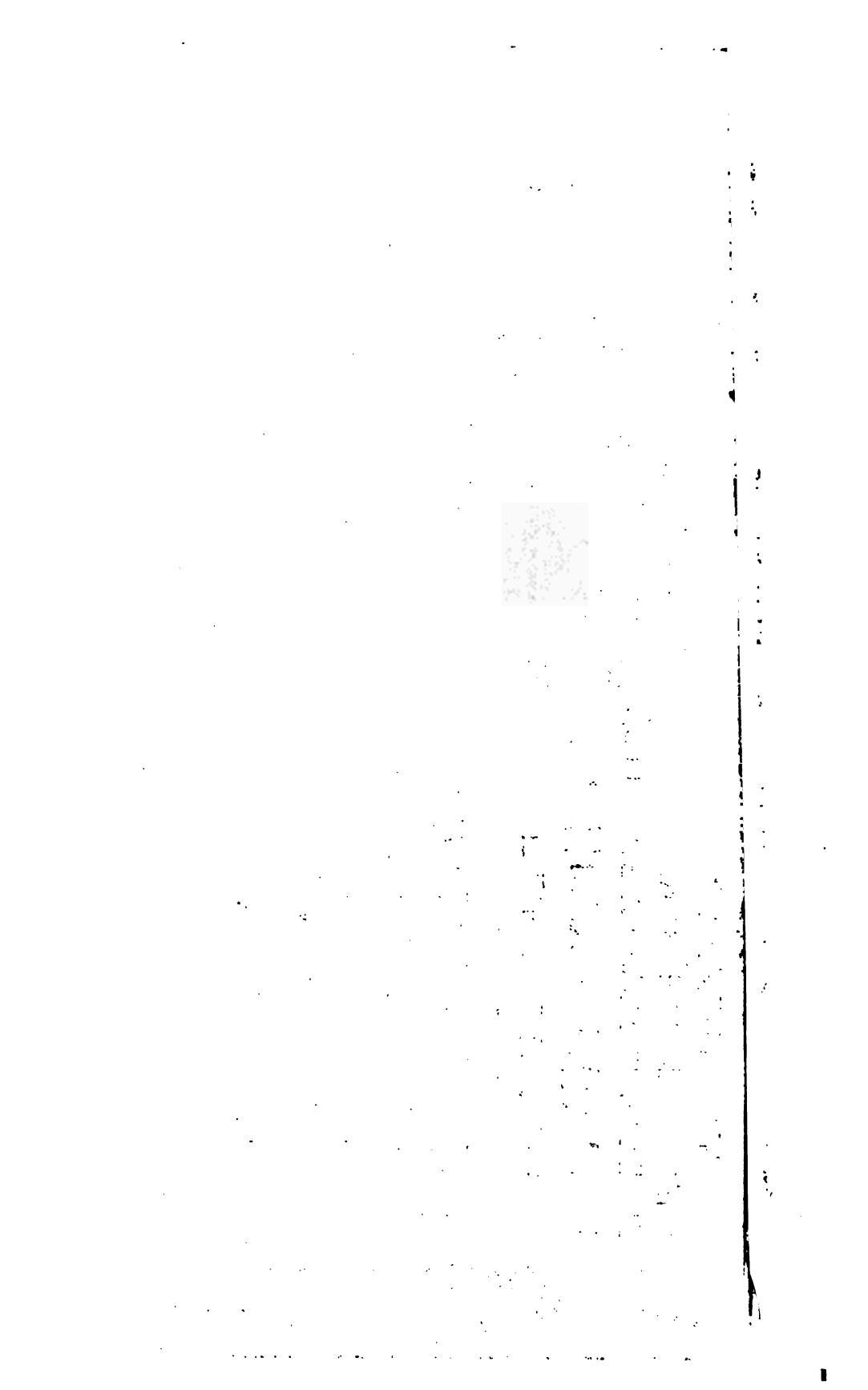
LITH. RUTHERY & HENRY, L.





U.S.

PHOTOGRAPHIC FILM



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1. *Introduction*

2. *Methodology*

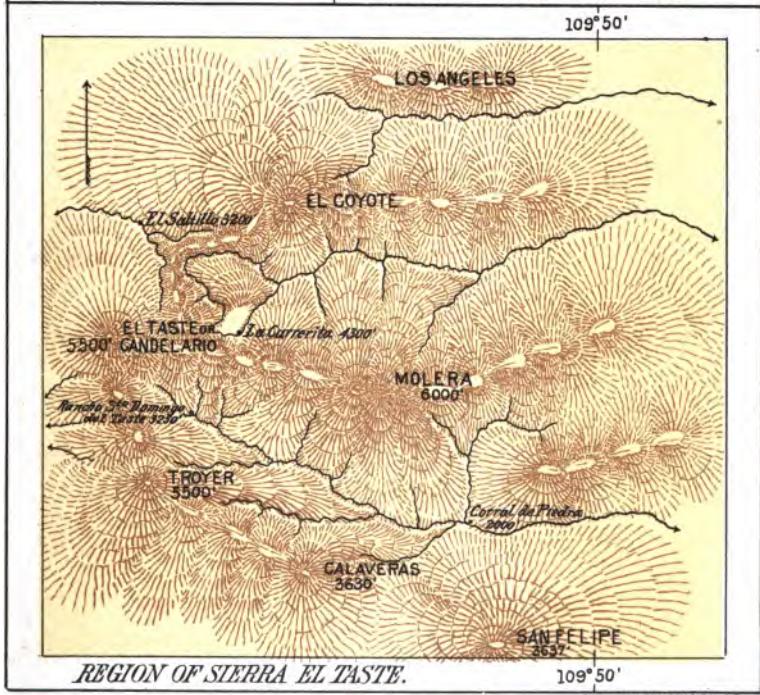
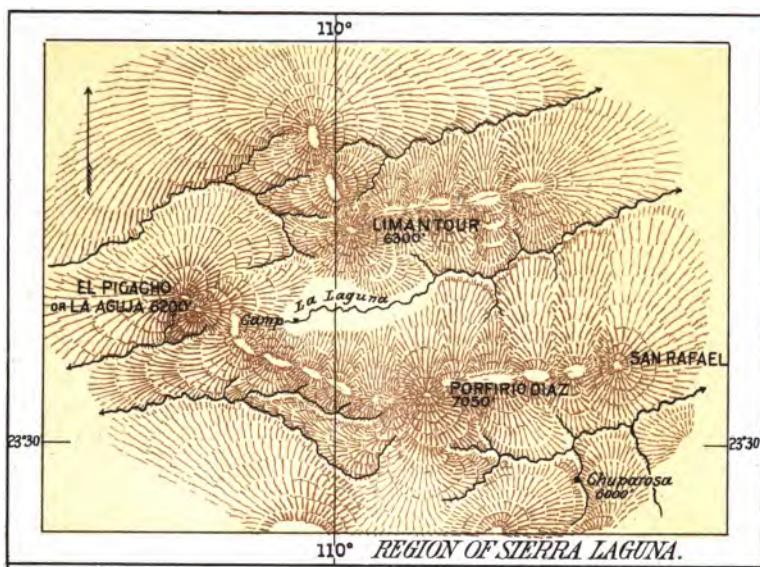
3. *Results*

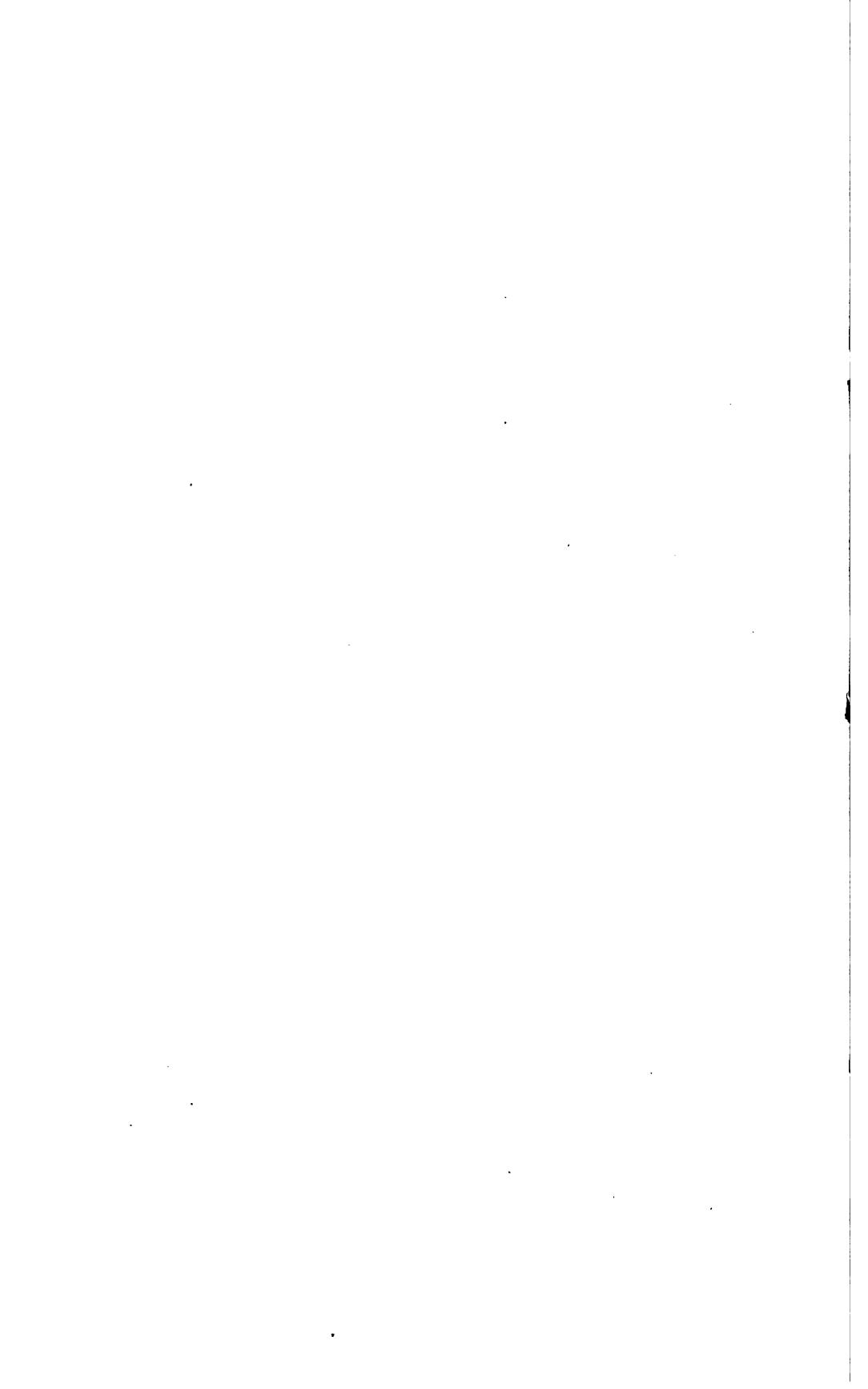
4. *Conclusion*

5. *References*

6. *Appendix*

7. *Notes*





15A

PLATE LXXV A.

**RAINFALL MAP
OF THE
CAPE REGION
OF
BAJA CALIFORNIA**

COMPILED BY
G. EISEN AND F. H. VASLIT
NOMENCLATURE OF COAST LINE BY

NOMENCLATURE OF COAST LINE BY
CPT. JOHN VON HELMS

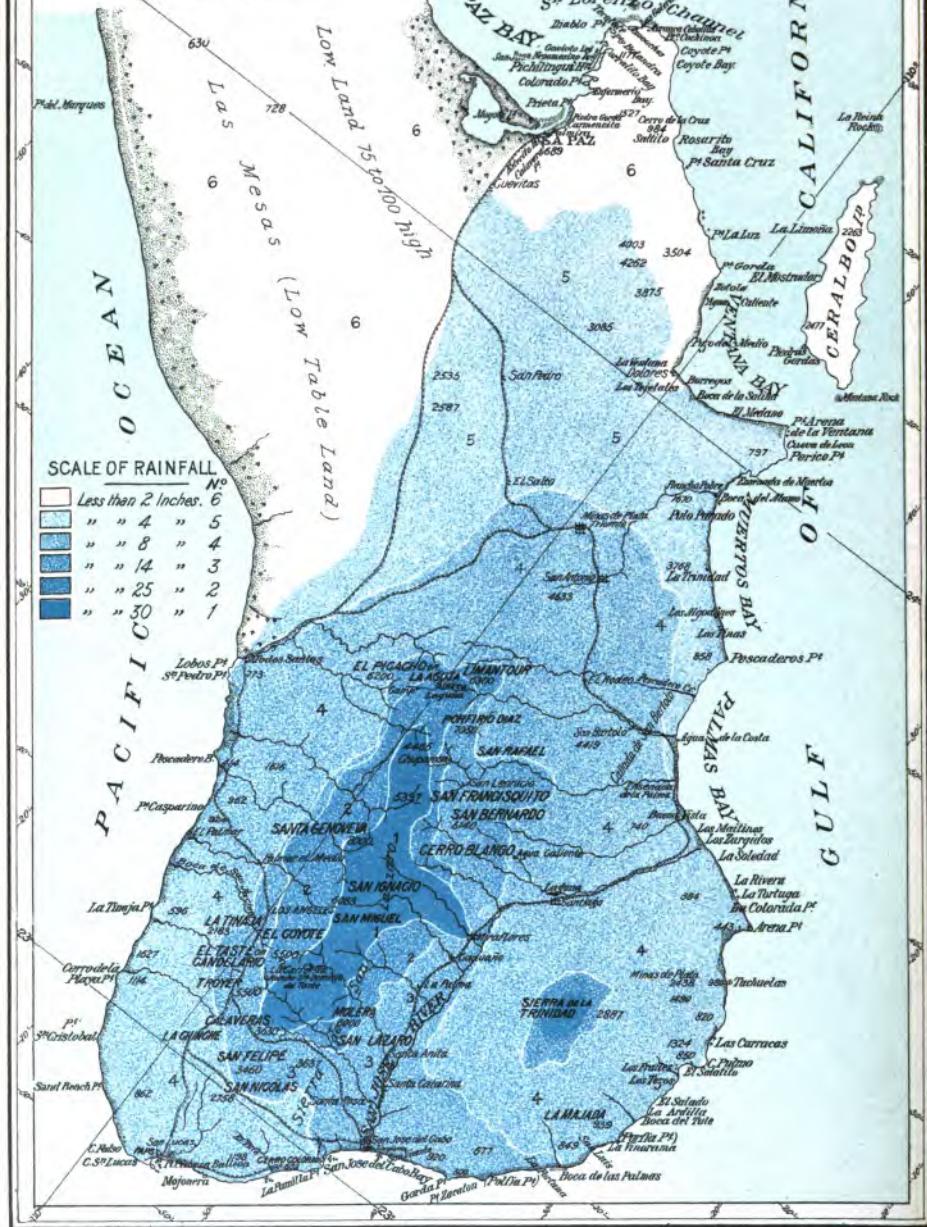
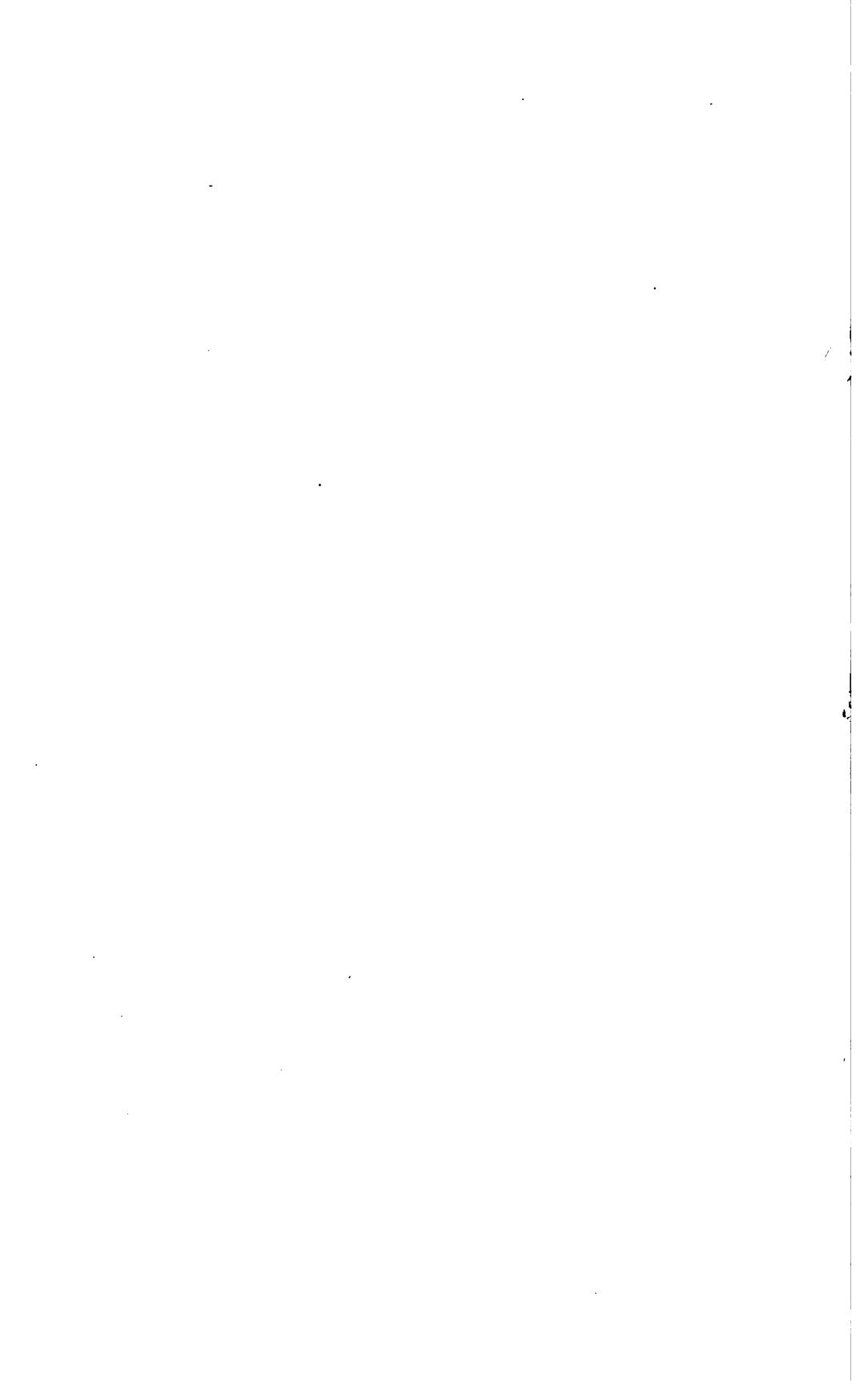


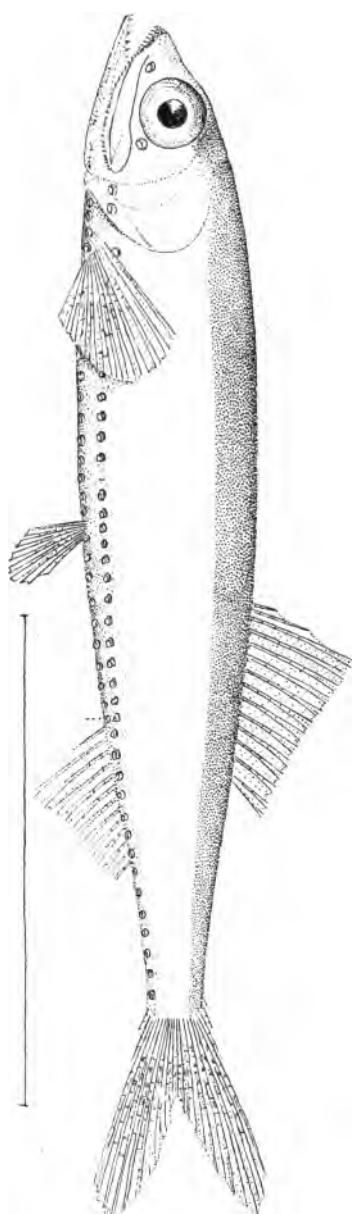
PLATE LXXV B.

**GEOLOGICAL MAP
OF THE
CAPE REGION
OF
BAJA CALIFORNIA.**

COMPILED BY
G. EISEN AND F. H. VASLIT
NOMENCLATURE OF COAST LINE BY
CAPT. JOHN VON HELMS



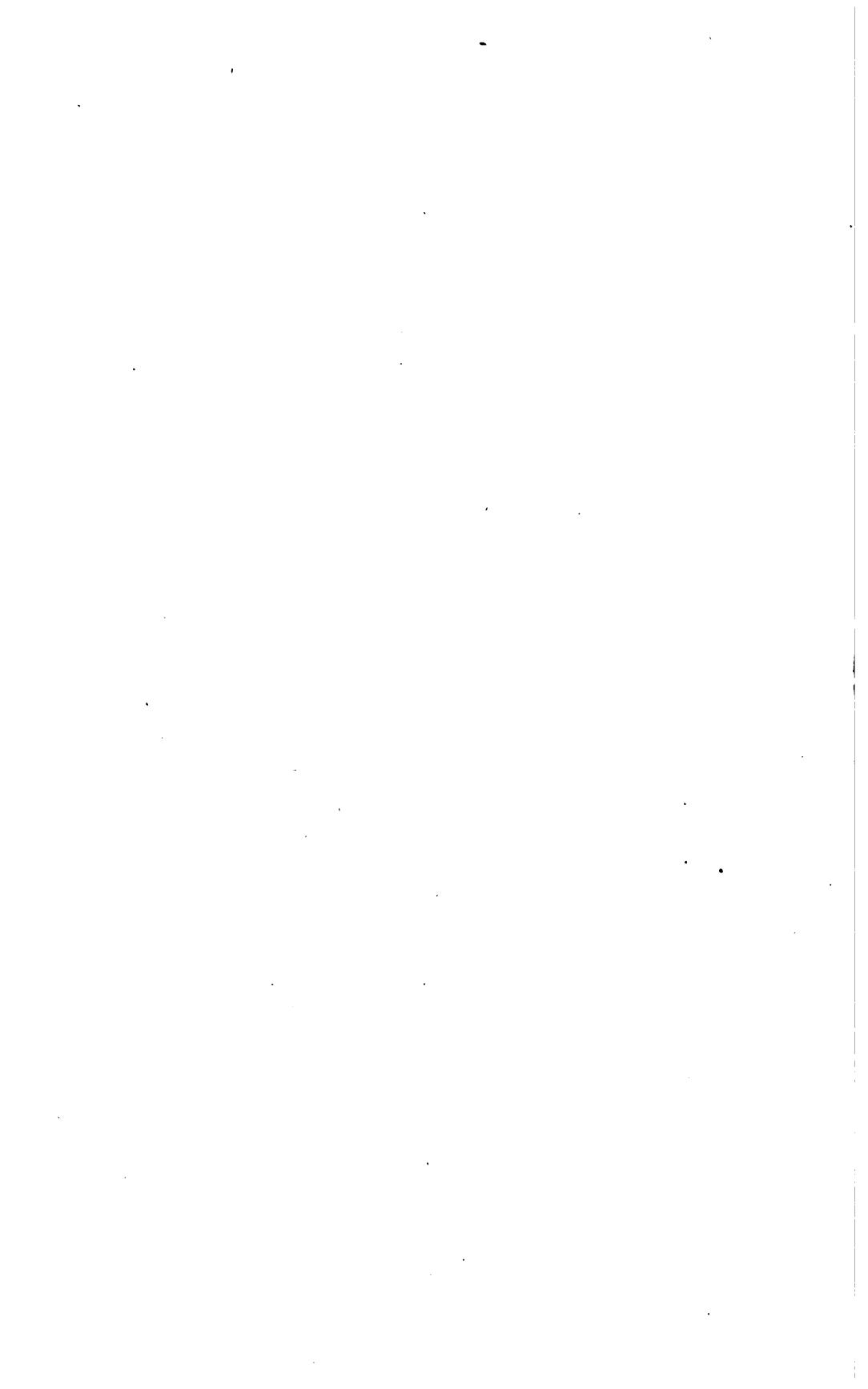


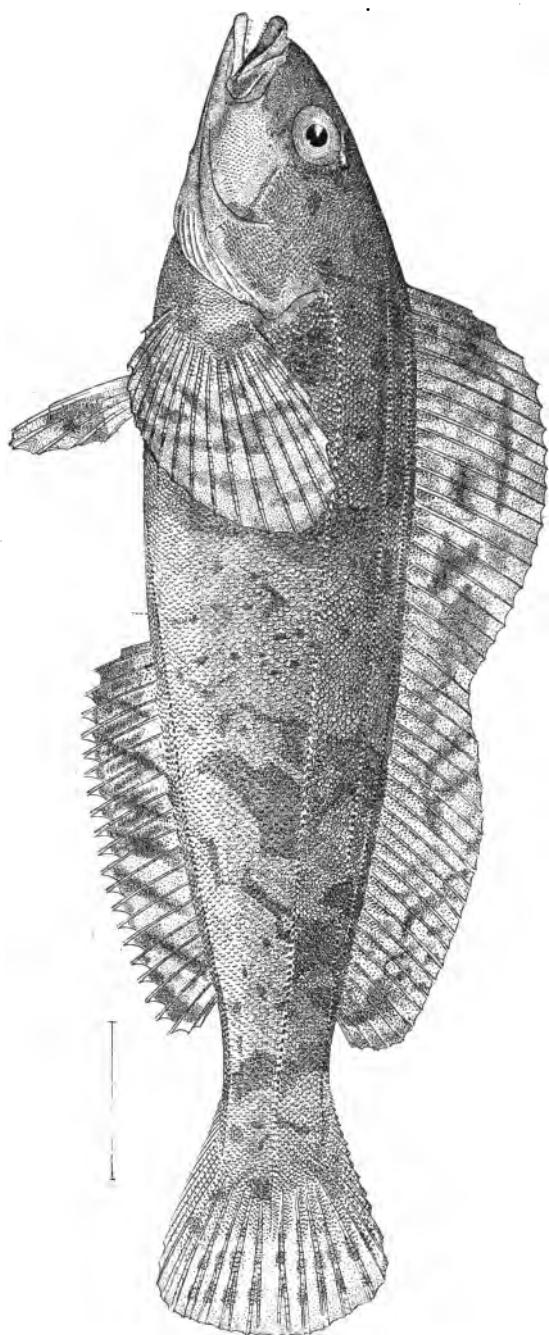


ZALARGES NIMBARIUS

ANNA L. BROWN, DEL.

LITH. BRITTON & REY, JR.

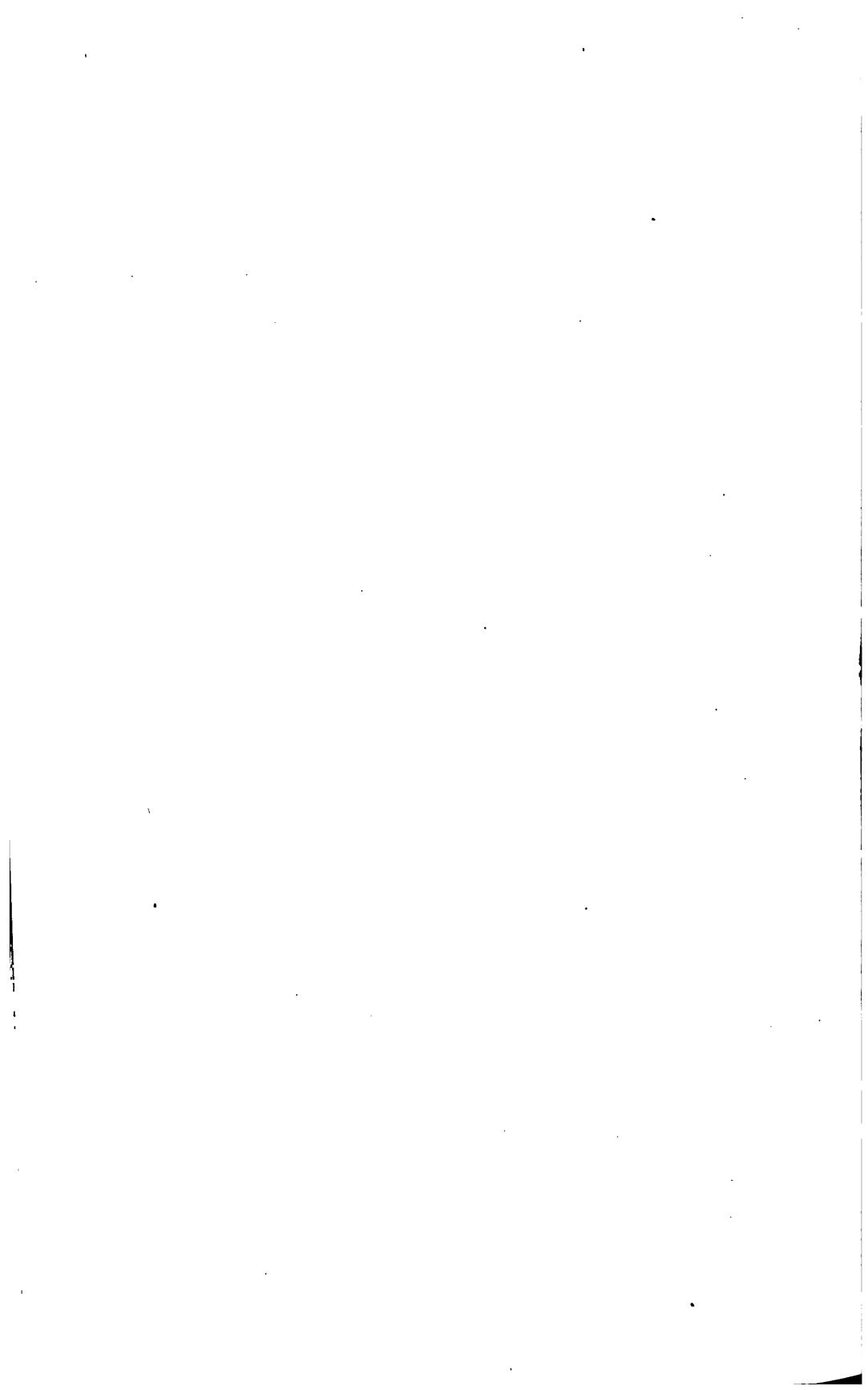


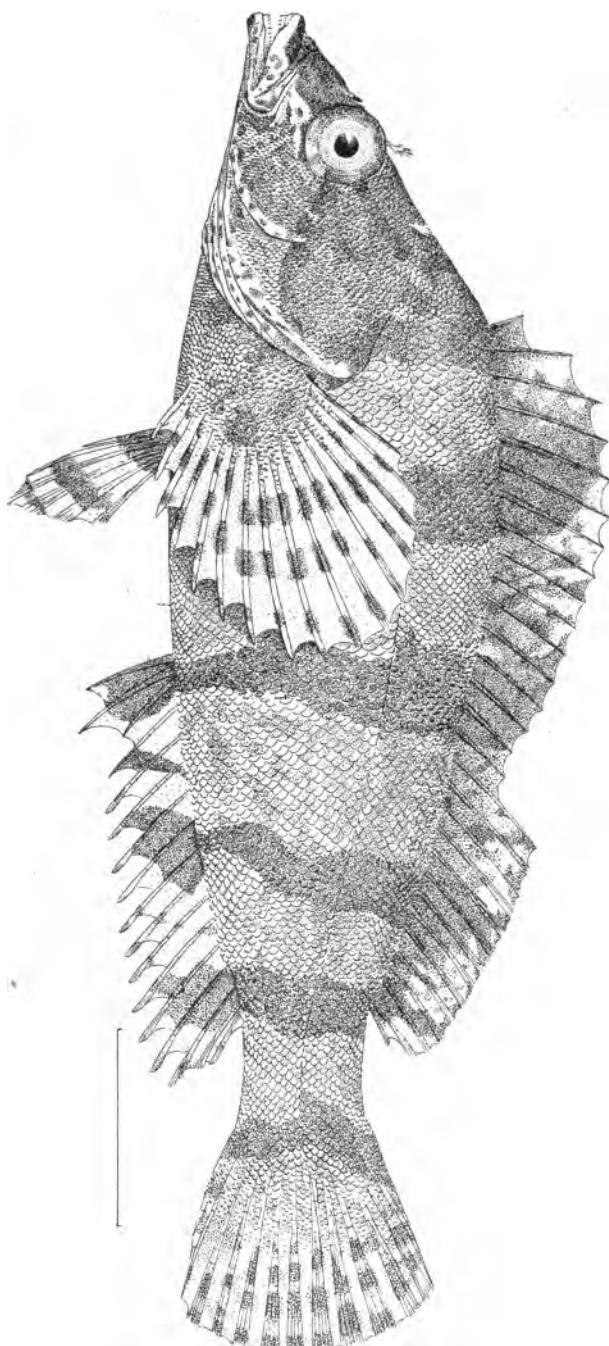


HEXAGRAMMUS OTAKII

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LITH. BRITTON & REY, S.F.

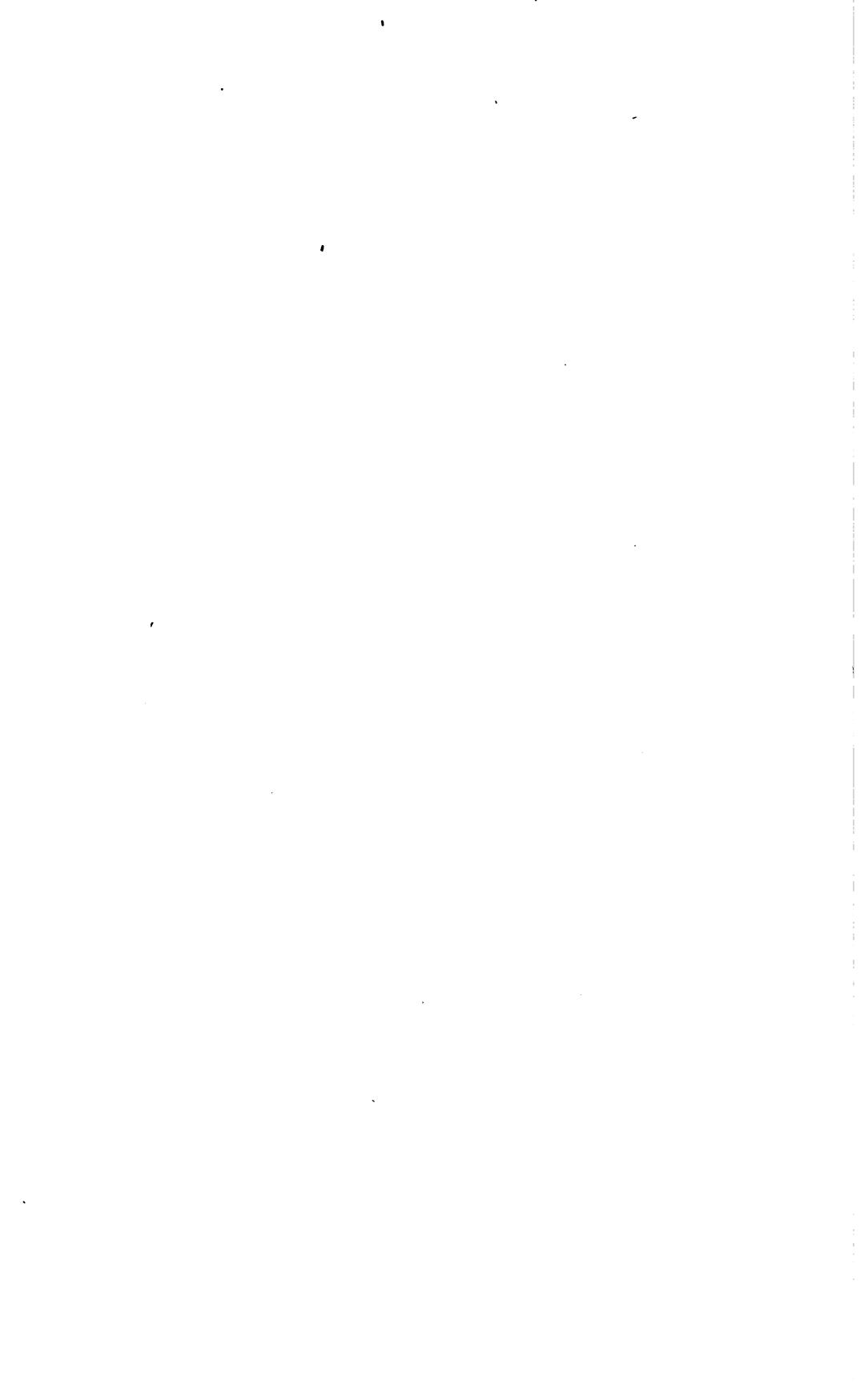


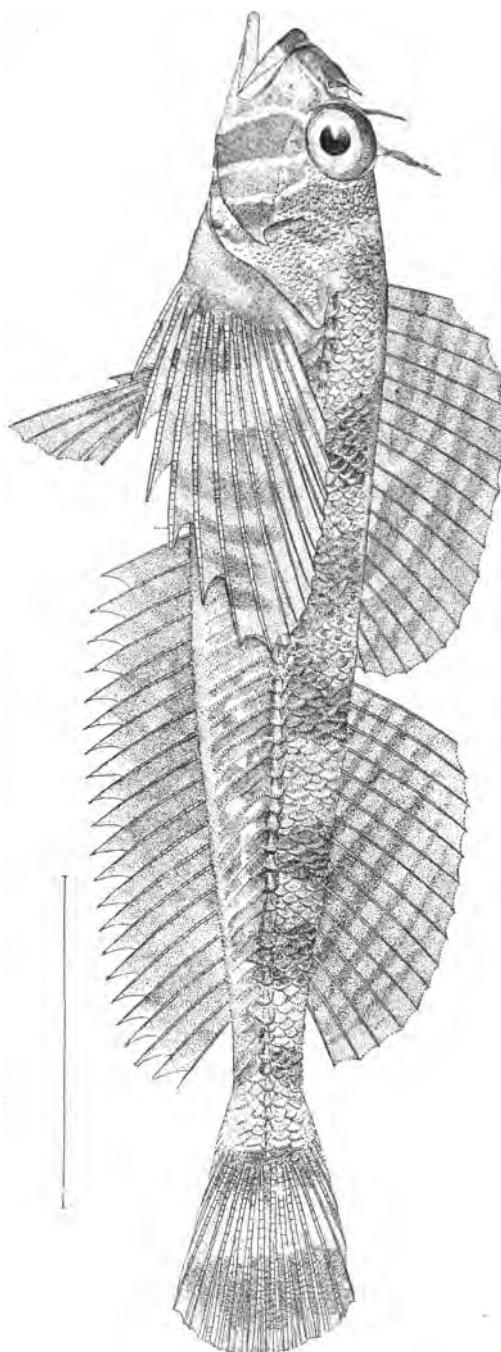


OXYLEBIUS PICTUS

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LITH. BRITTON & HAYES.

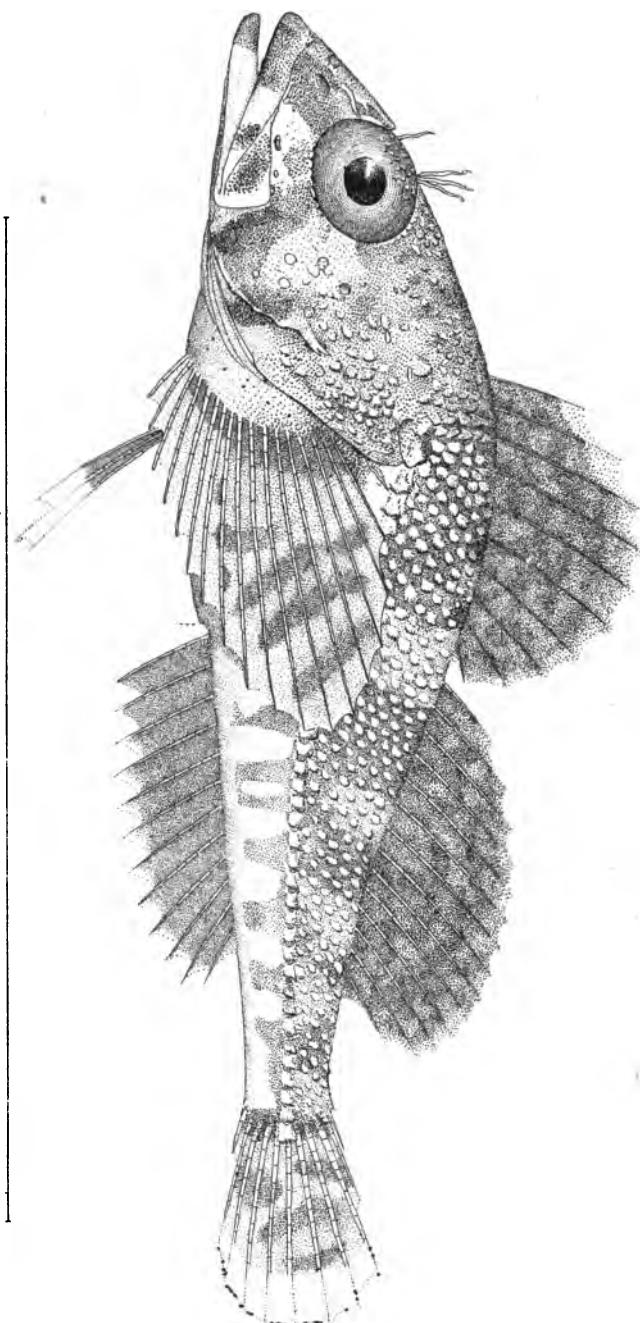




JORDANIA ZONOPE

Anna L. Brown, Del.

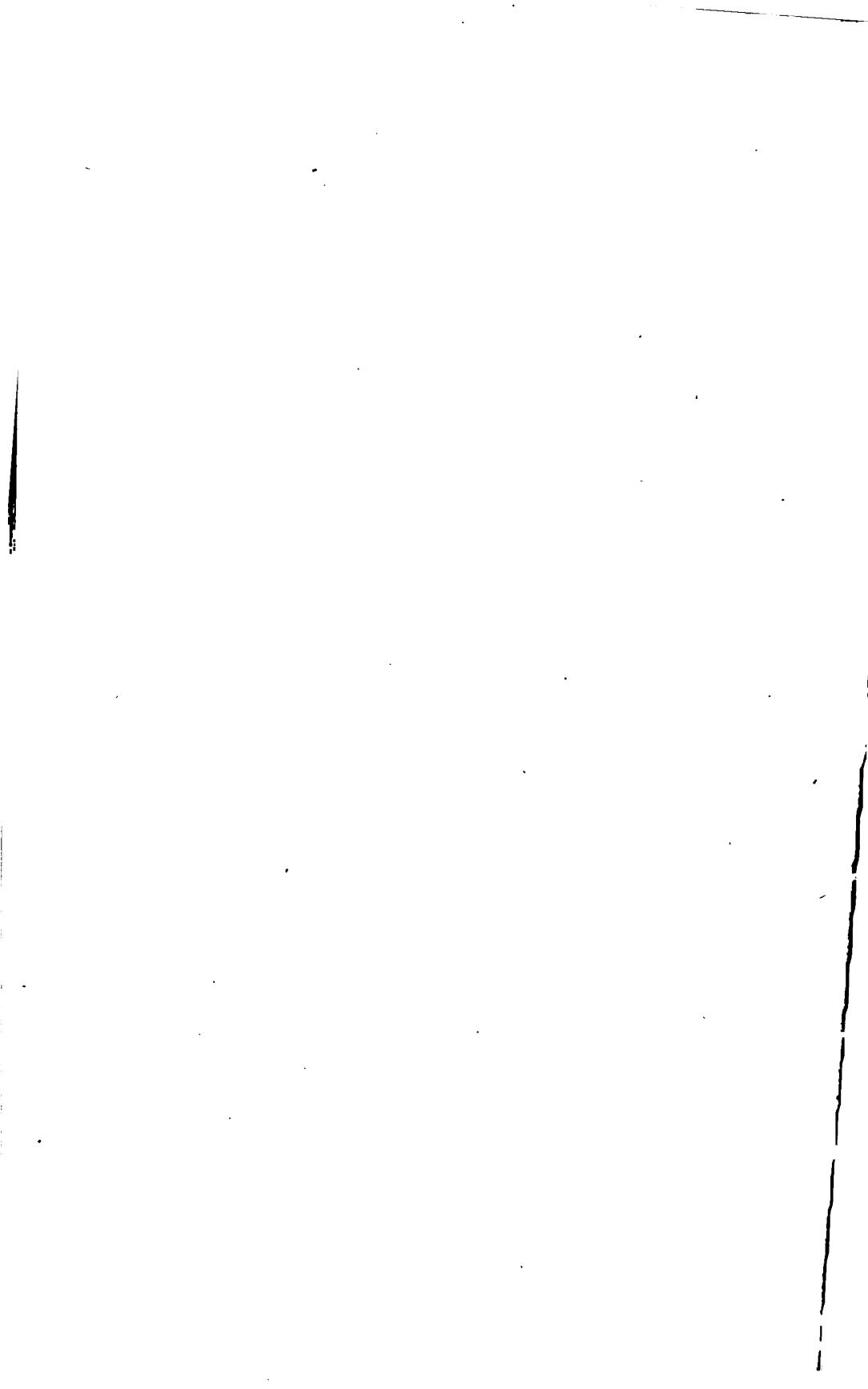
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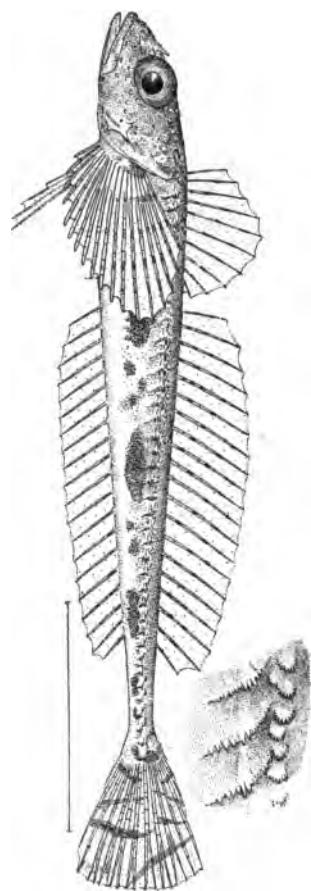


RUSCARIUS MEANYI

ANNA L. BROWN, D.Sc.

LITH. BRITTON & NELSON, JR.



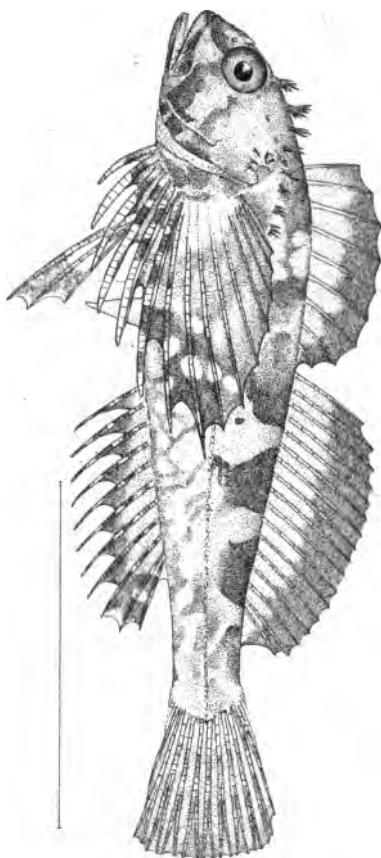


RADULINUS ASPRELLUS

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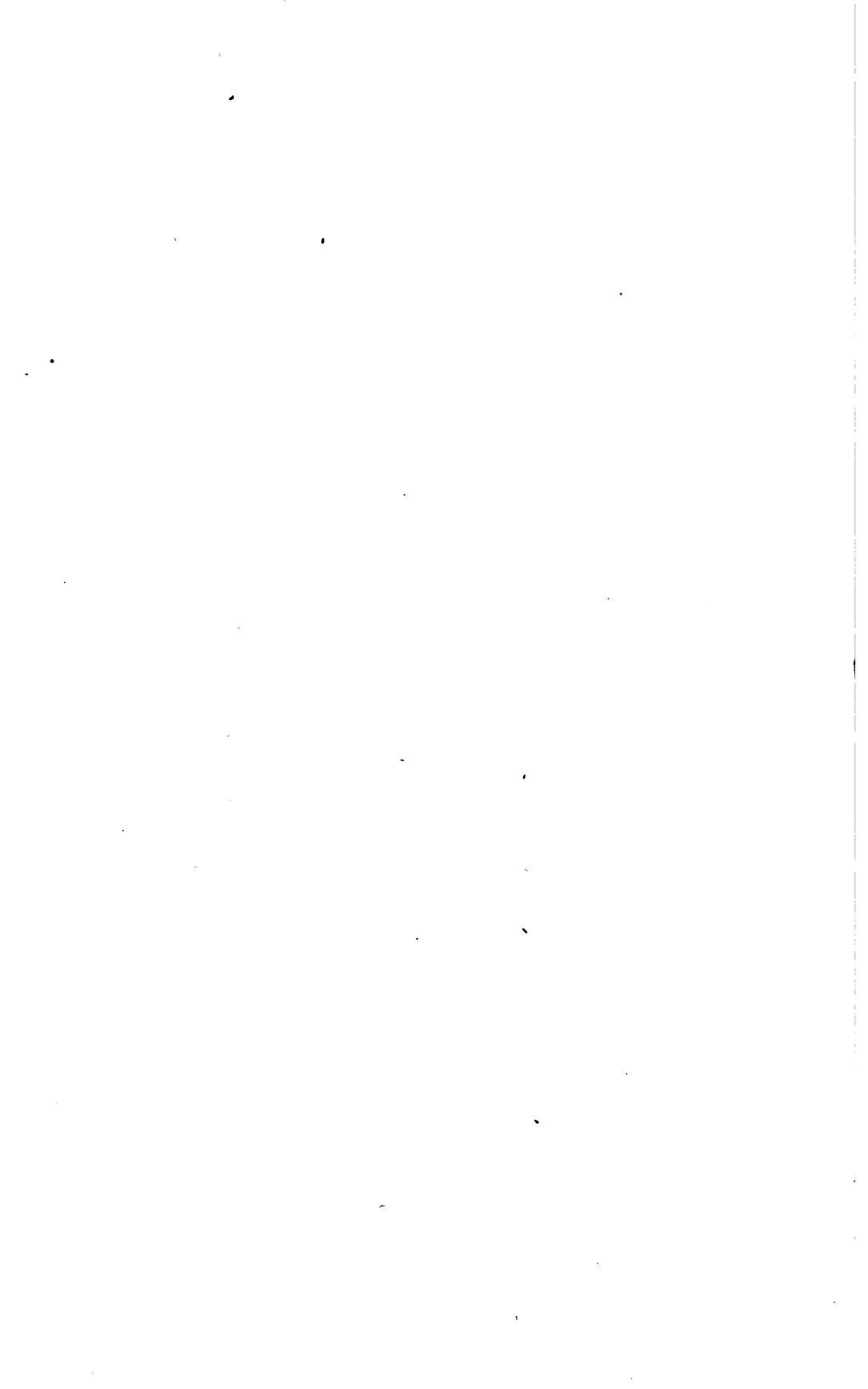


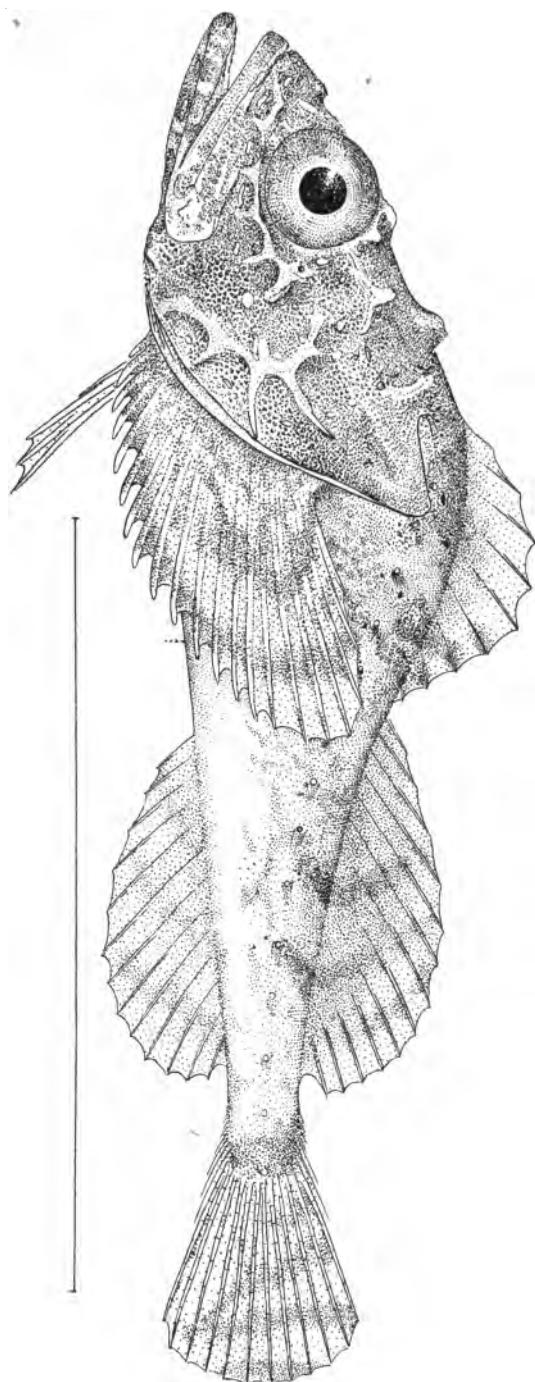


OLIGOCOTTUS EMBRYUM

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LITH.BRUTON & RAY, SR.

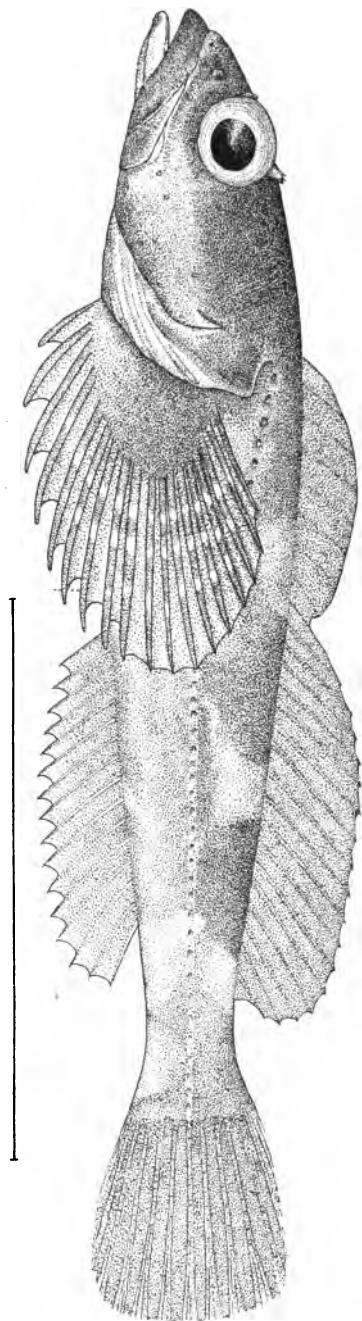




DASYCOTTUS SETIGER

ANNA L. BROWN DEL.

LITH. BRITTON & RAY, SF.

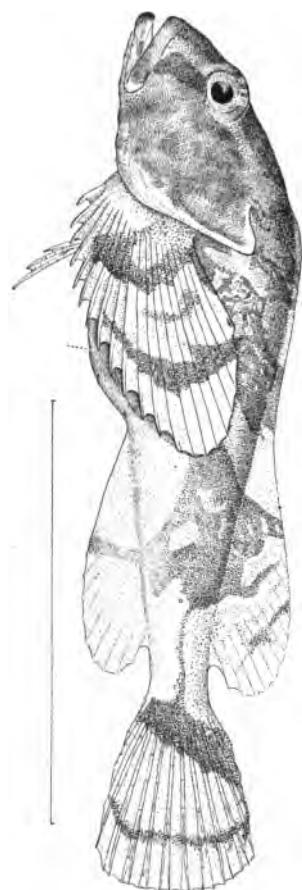


ASCELICHTHYS RHODORUS

Anna L Brown Del.

LITH.BRITTON & REY,S.F.



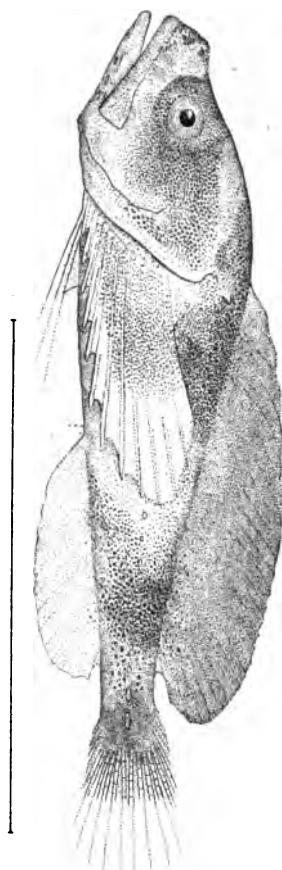


PSYCHROLUTES ZEBRA

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LITH. BRITTON & RAY, JR.



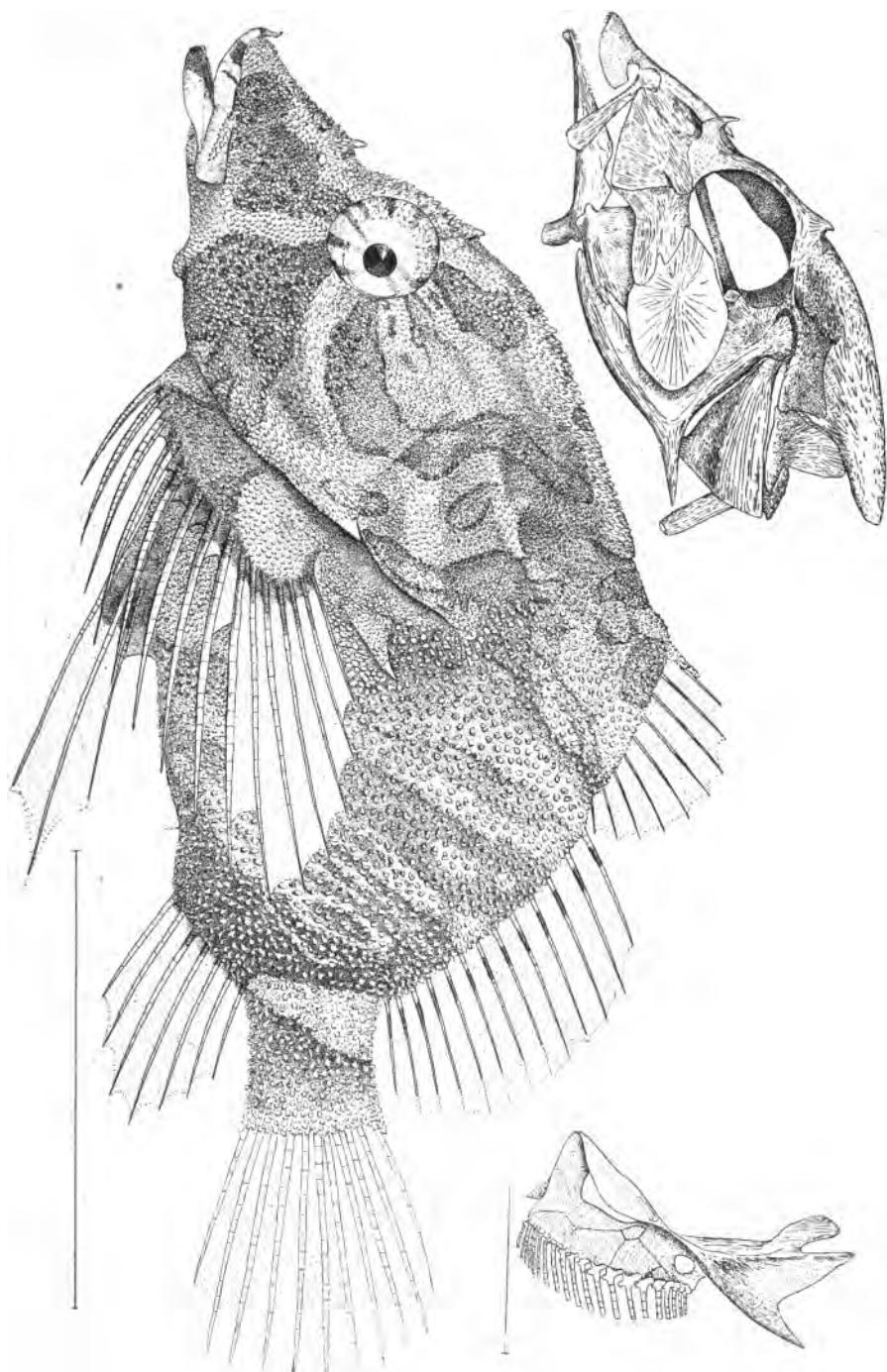


GILBERTINA SIGALUTES

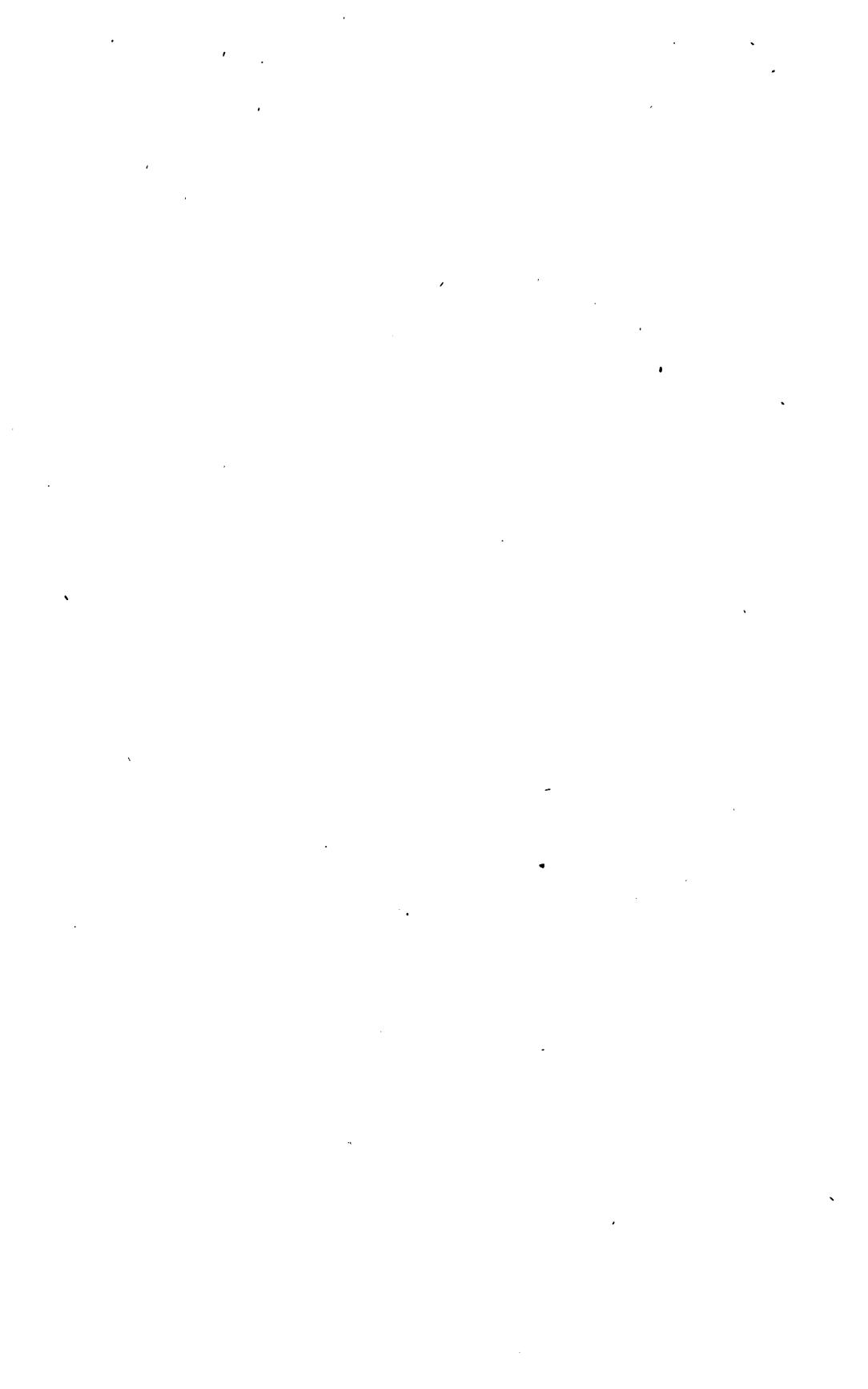
ANNA L. BROWN, Det.

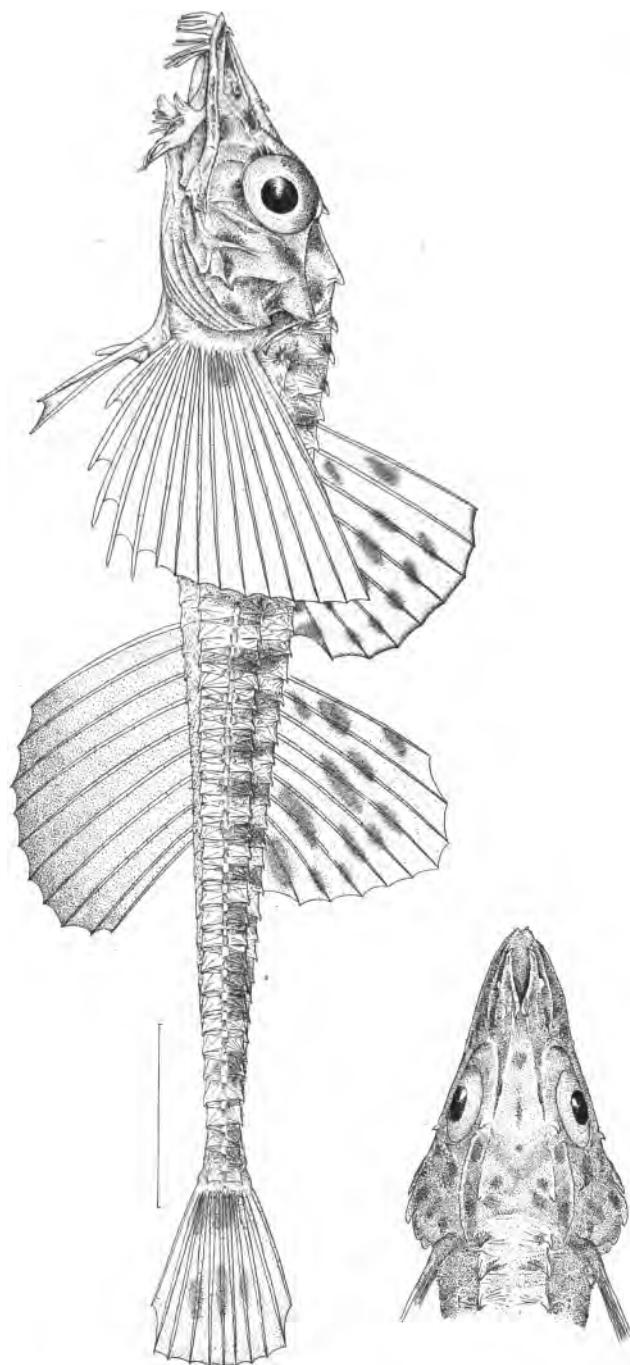
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RHAMPHOCOTTUS RICHARDSONI



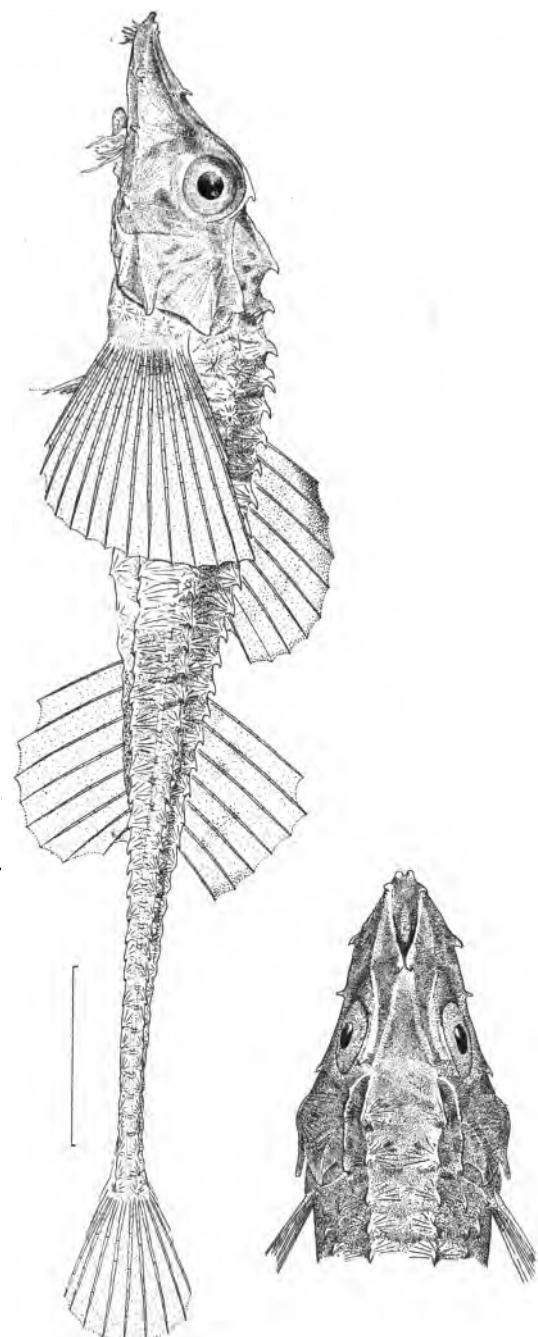


PODOTHECUS ACCIPITER

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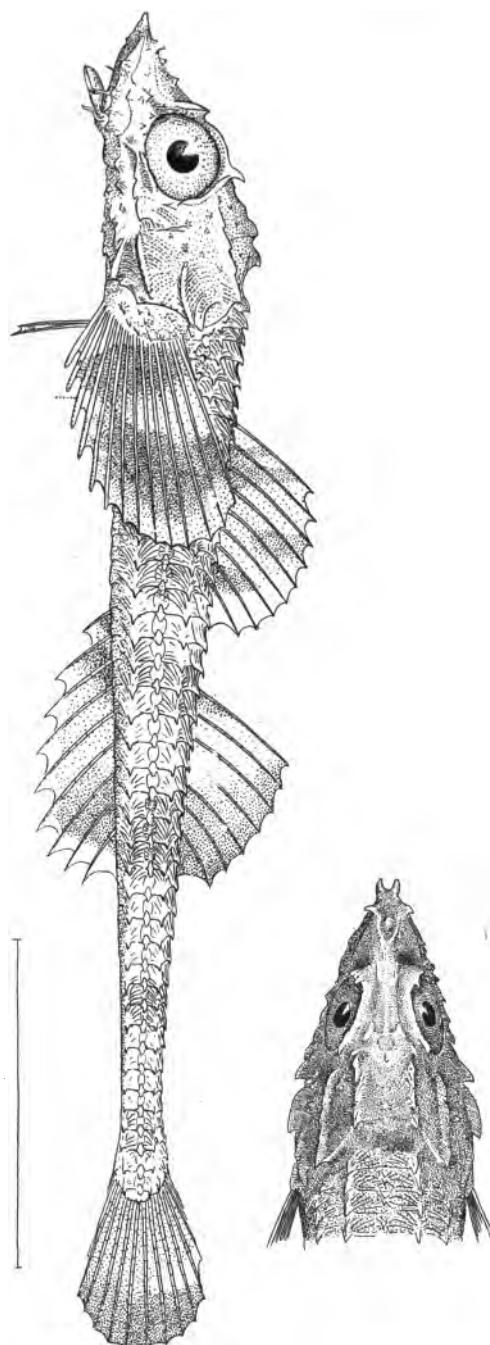


PODOTHECUS VETERNUS

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LITH.BRITON & RAY, SR.



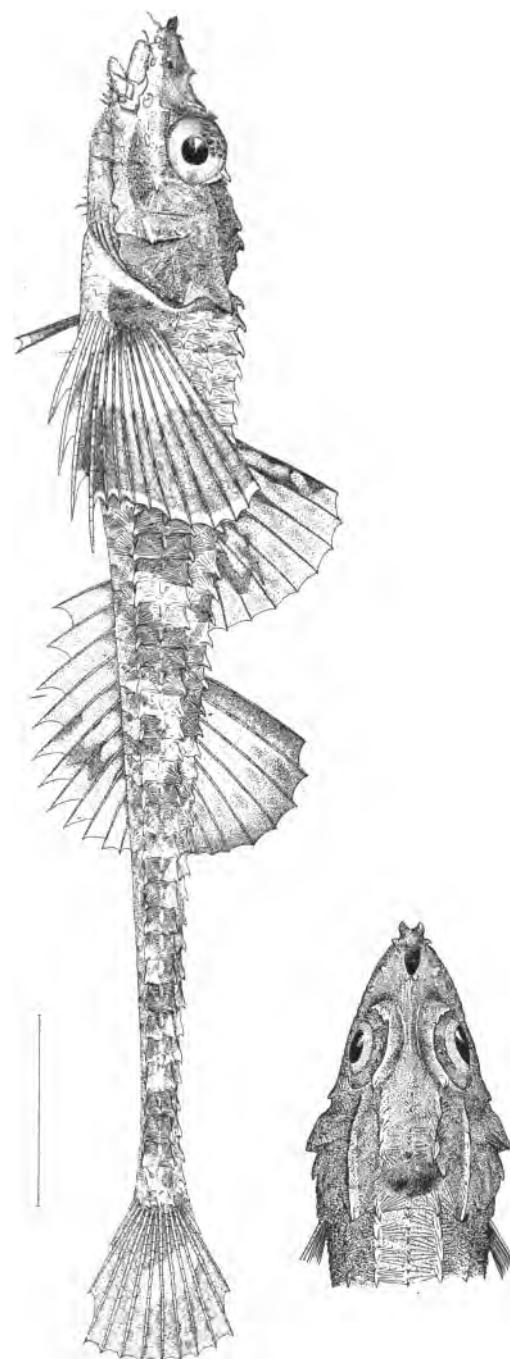


STELGIS VULSUS

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LITH. BRITTON & EAST, SR.

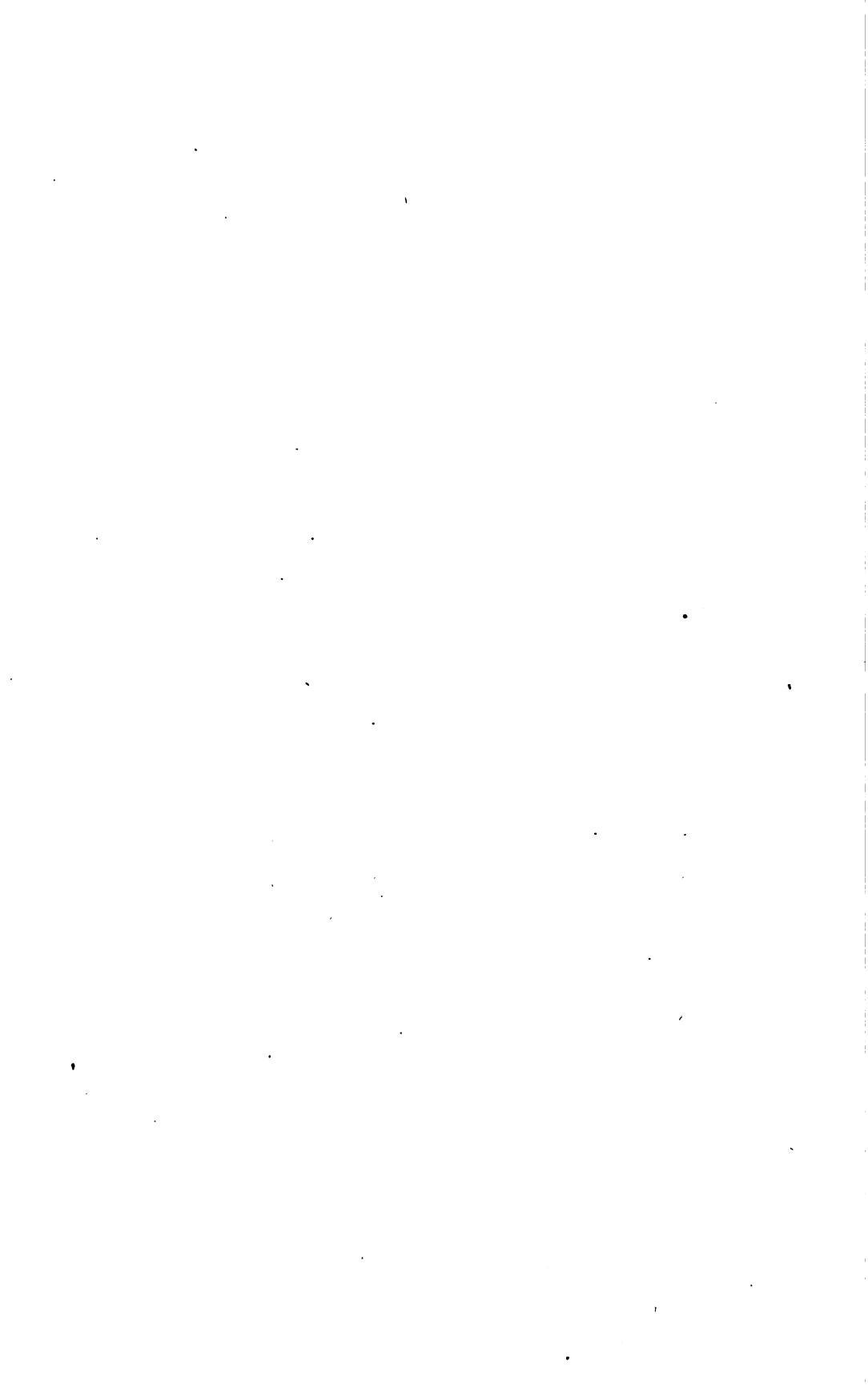


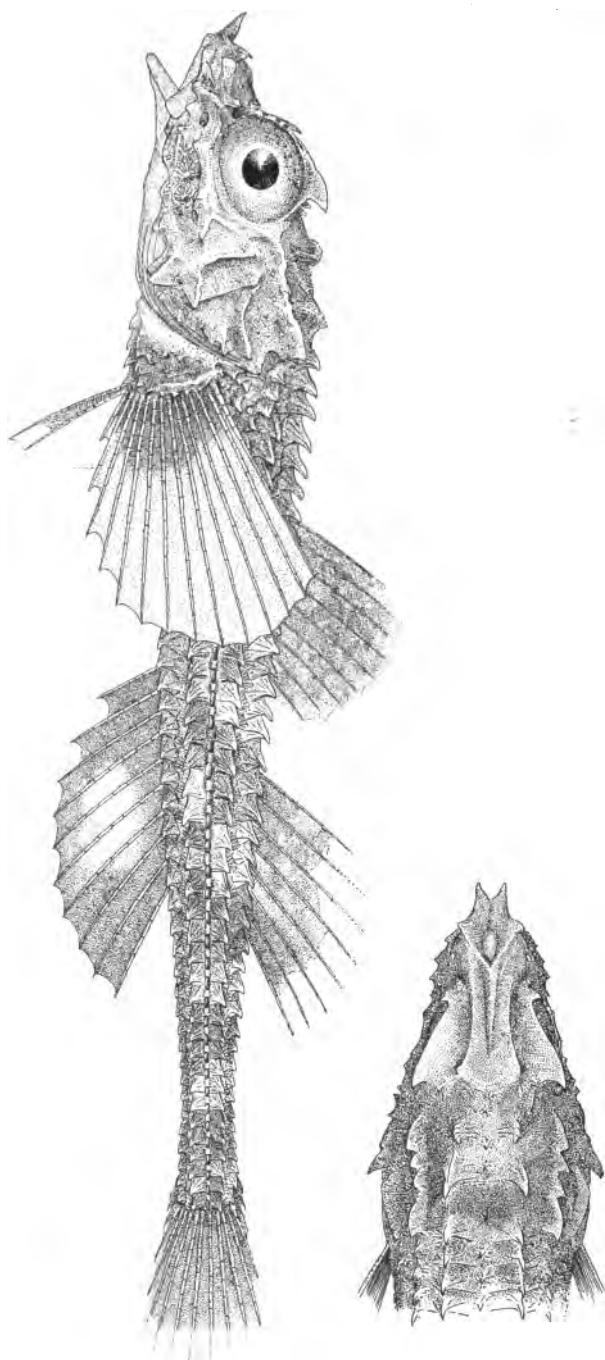


AVERRUNCUS EMMELANE

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LITH. BRITTON & RAY, S.F.

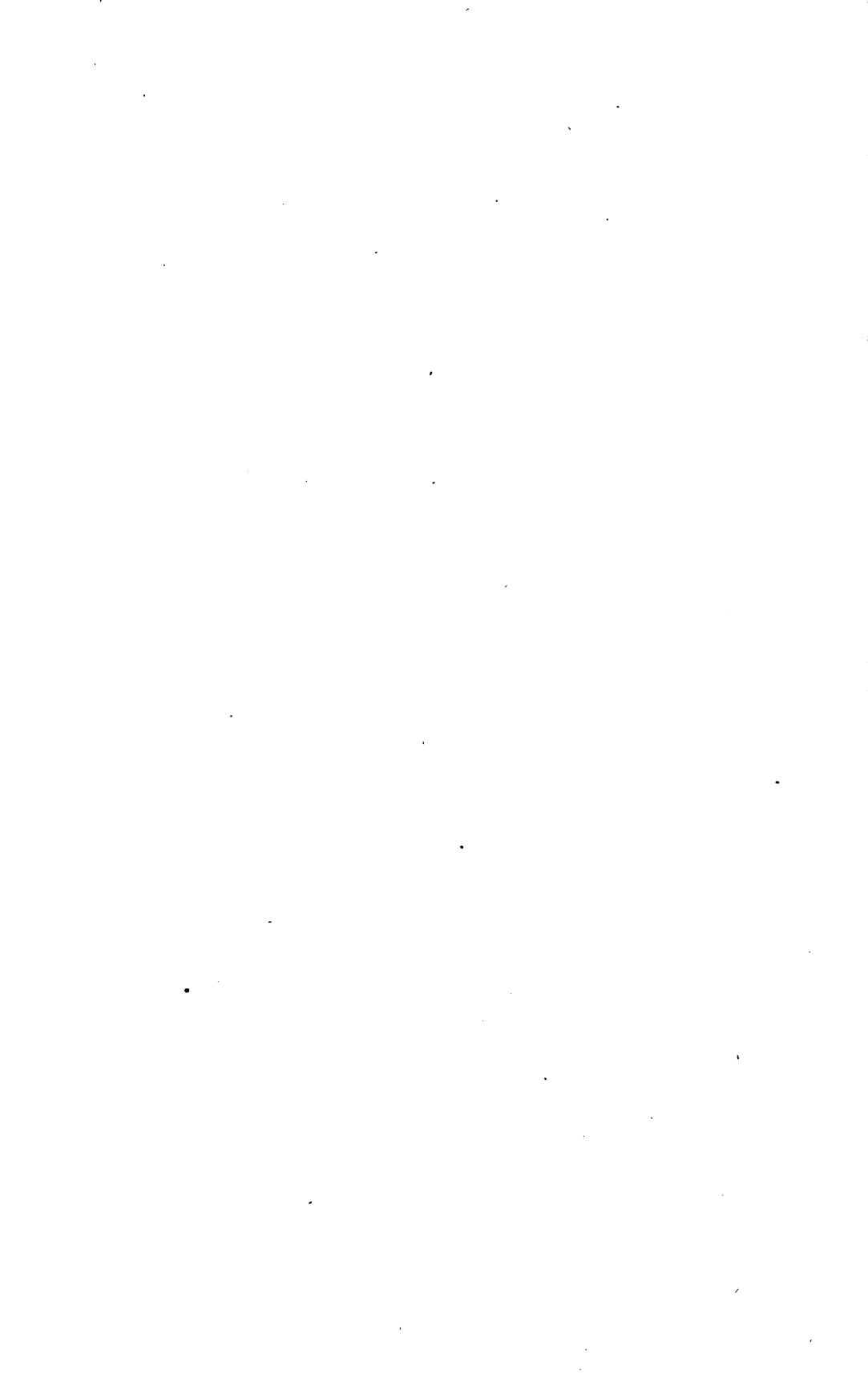


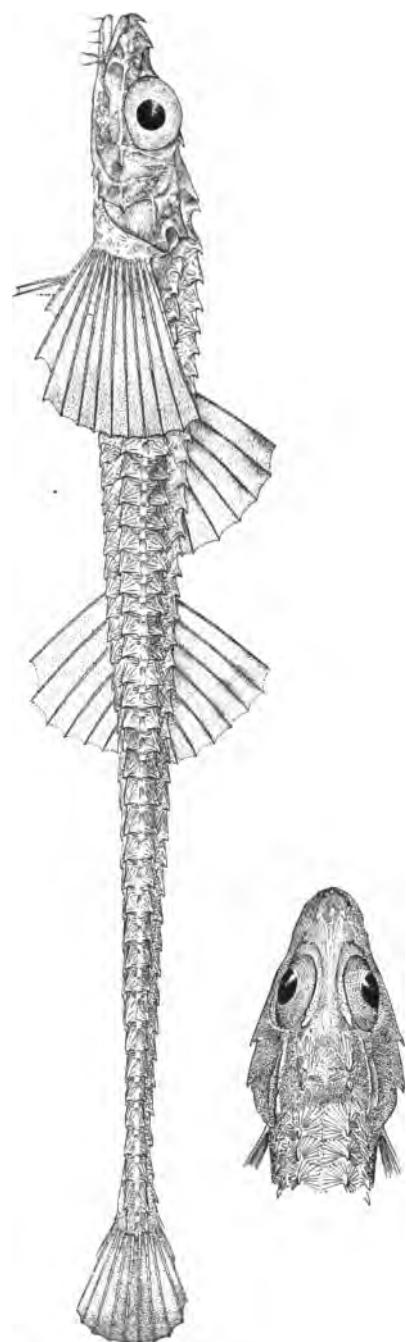


XYSTES AXINOPHYS

Anna L. Brown, Del.

LITH. BRITTON & BEEY, SF.



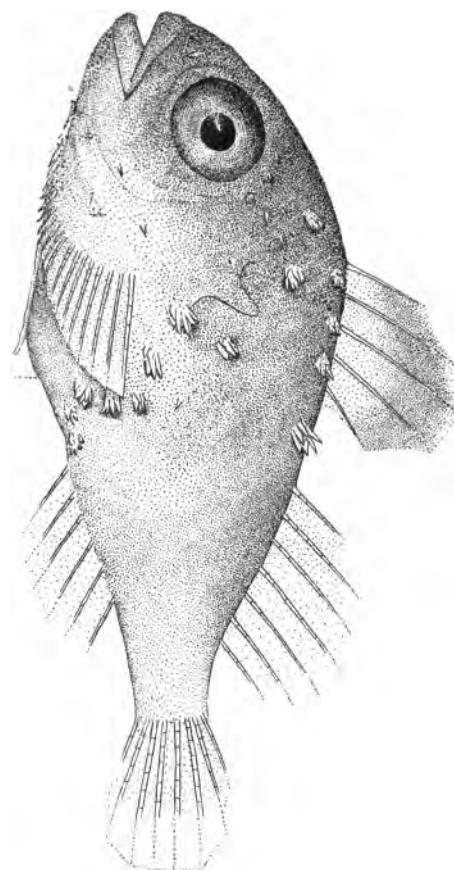


XENOCHIRUS TRIACANTHUS

Anna L Brown, Del.

LITH.BRITTON & REY, SR.



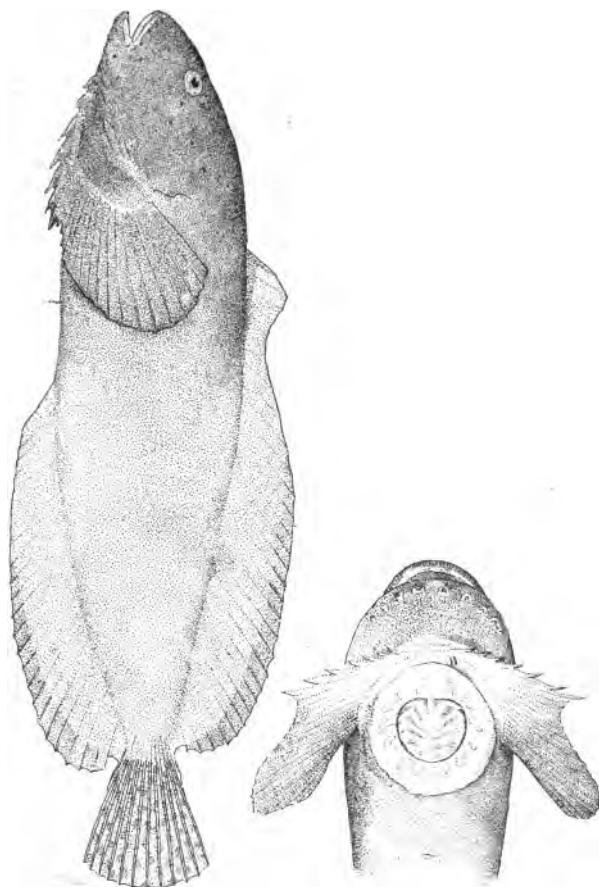


LETHOTREMUS VIOLENTUS

ANNA J. BROWN, DEL.

LITH. BRITTON & ROY, C.F.

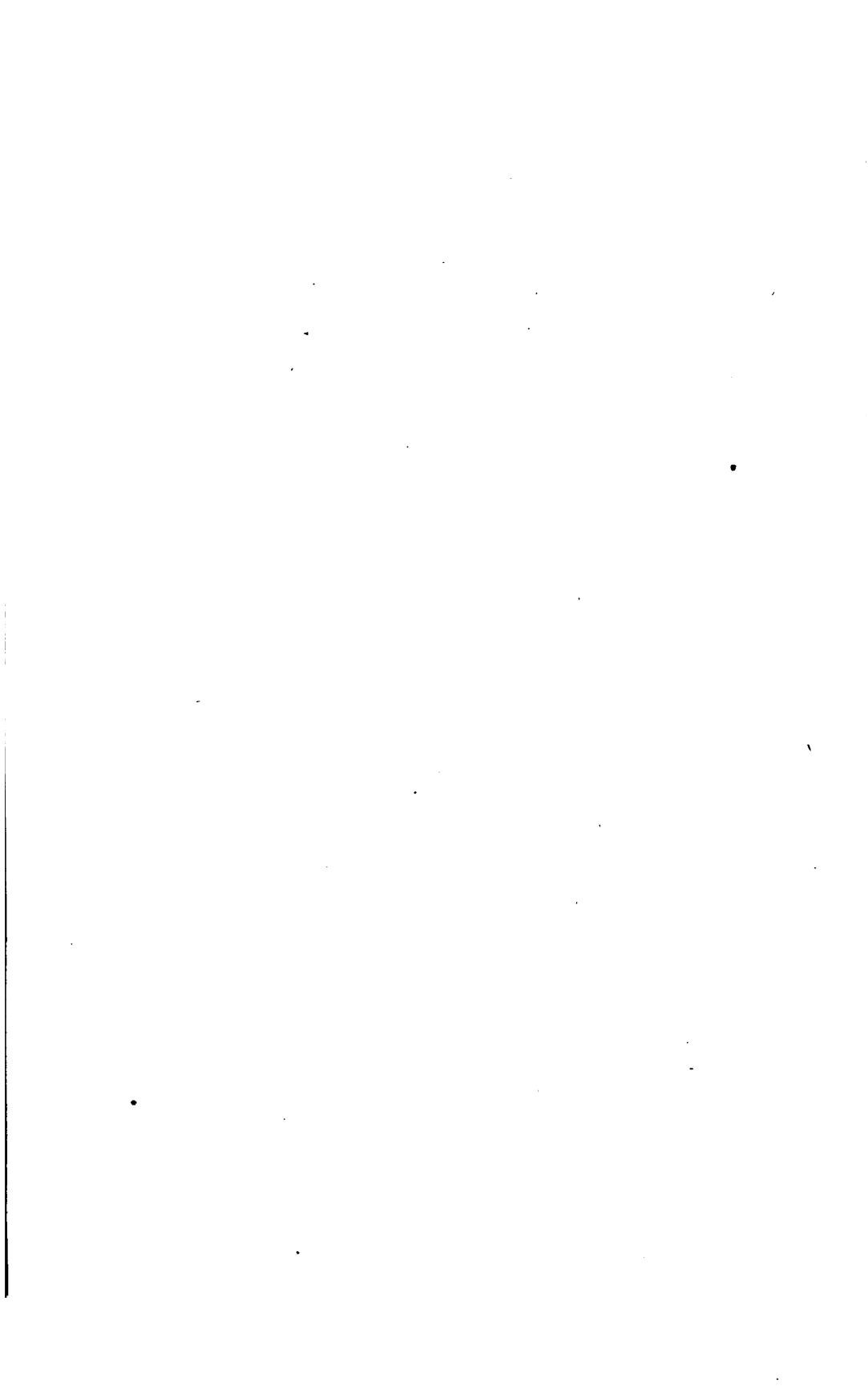




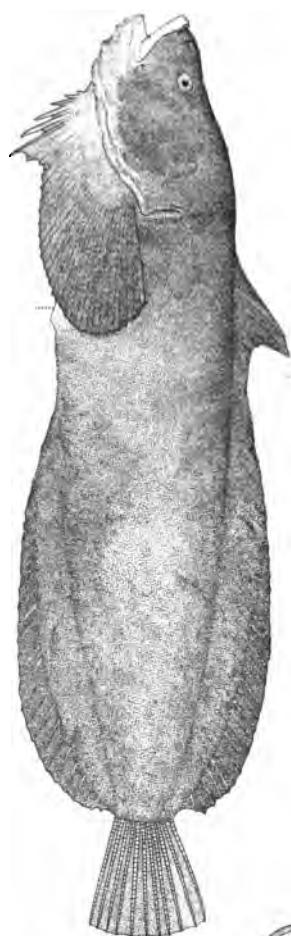
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ANNA L. BROWN, DEX.

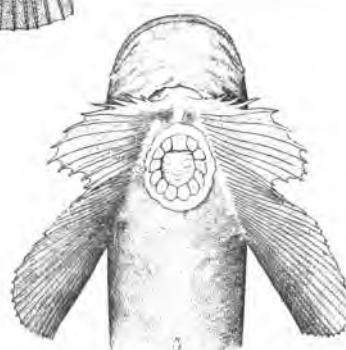
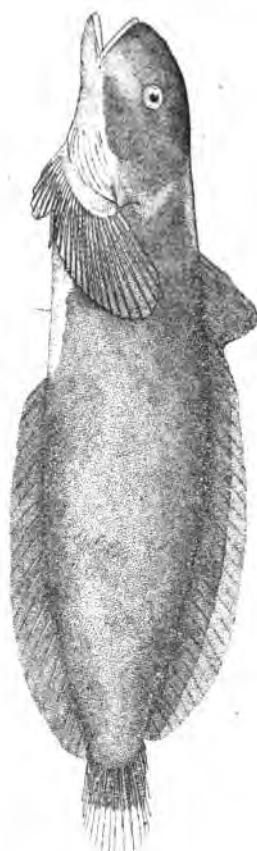
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NEOLIPARIS GREENI

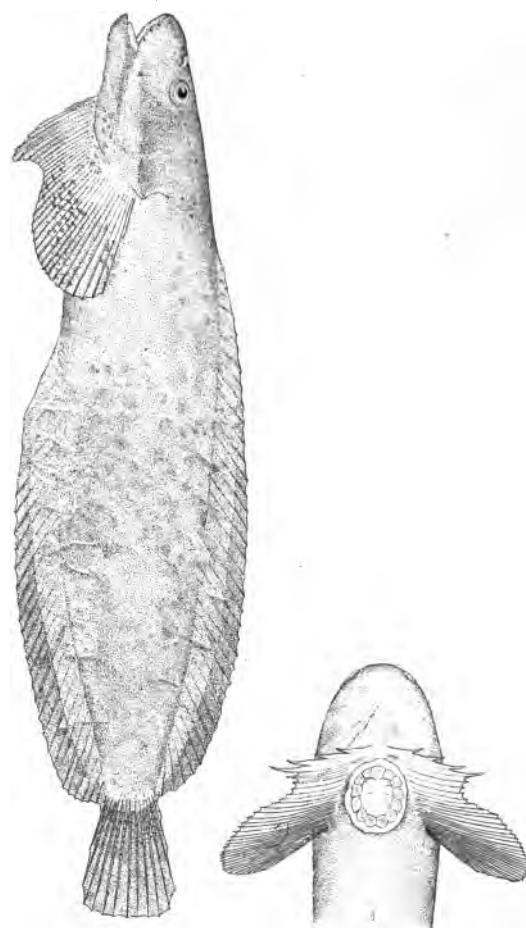


NEOLIPARIS FLORÆ



NEOLIPARIS GREENI



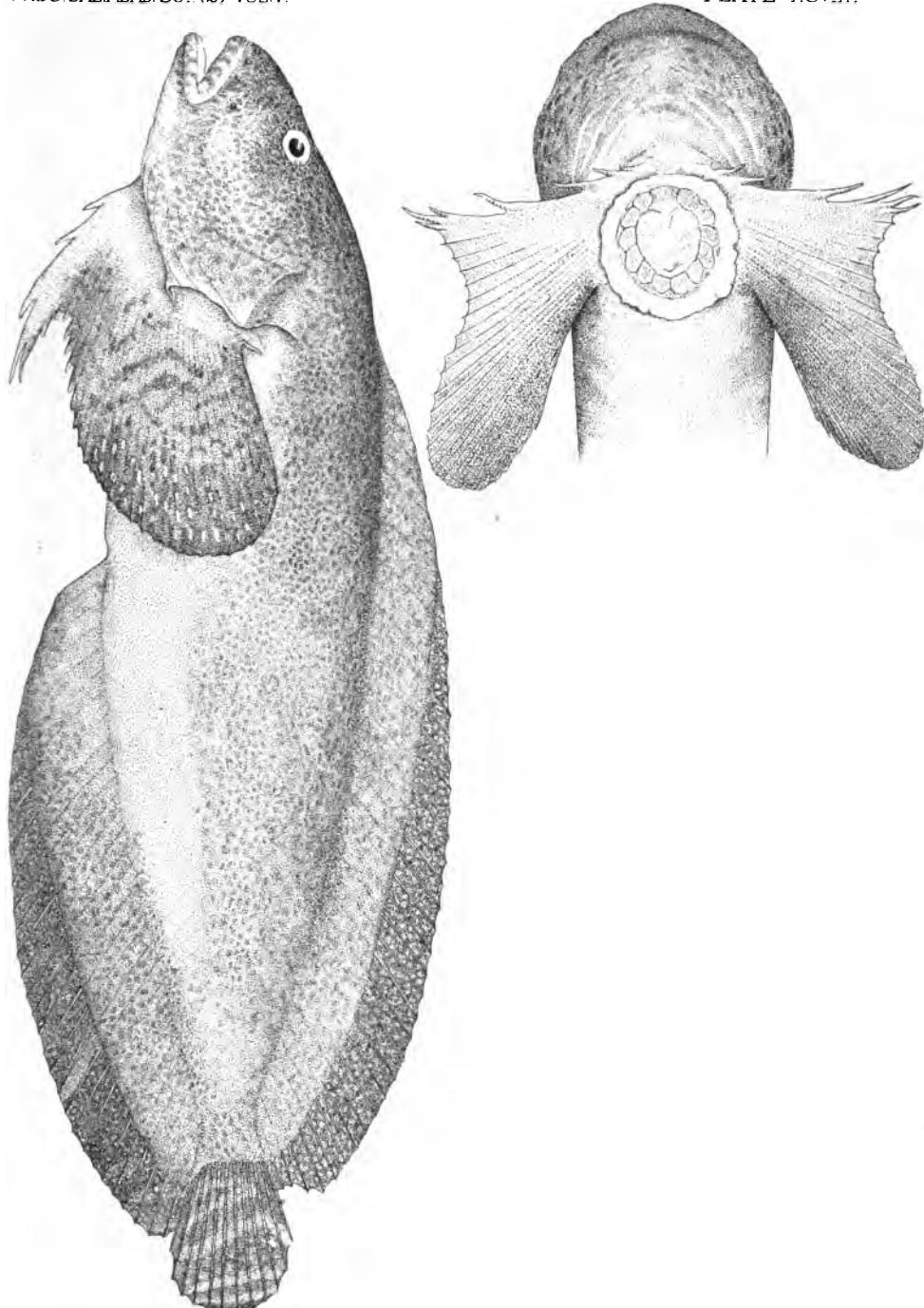


LIPARIS CYCLOPUS

Anna L. Brown, Del.

LITH. BRITTON & BRY. JR.



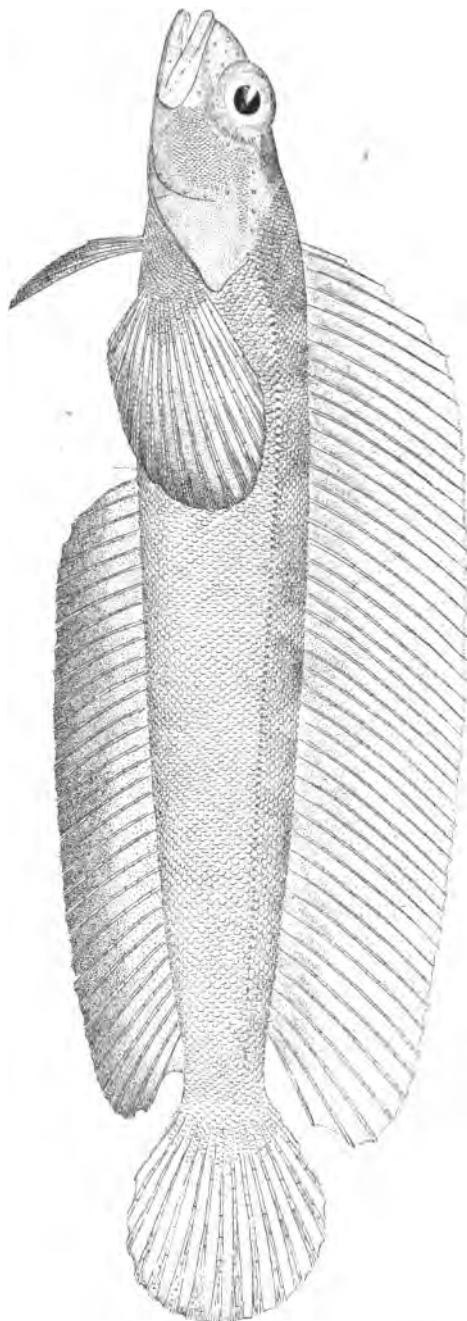


LIPARIS DENNYI

ANNA L. BRONW. DEX.

LITH. BRITTON & REY, N.Y.

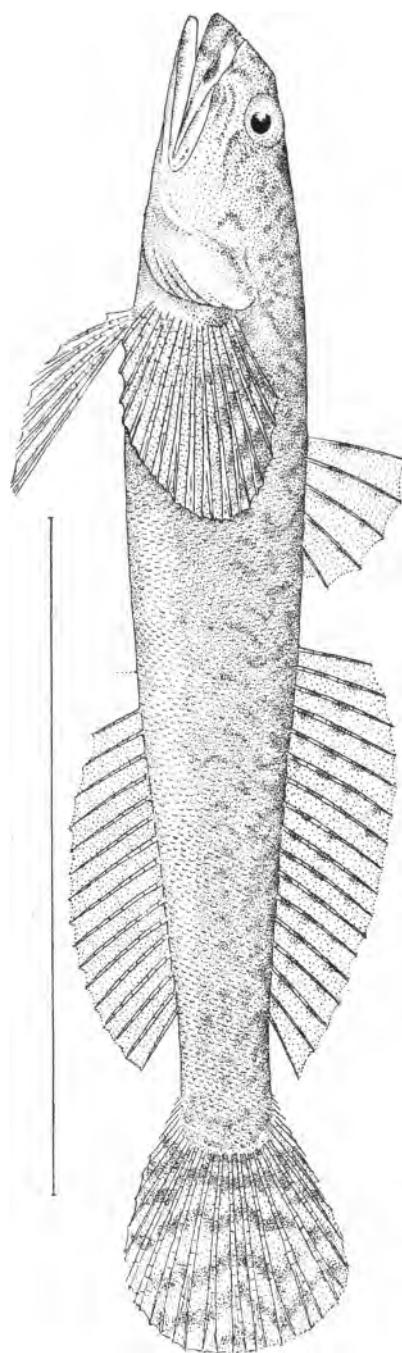




RONQUILUS JORDANI

ANNE LEBRUN D'ES.

LITH. BRITTON & REY, JR.

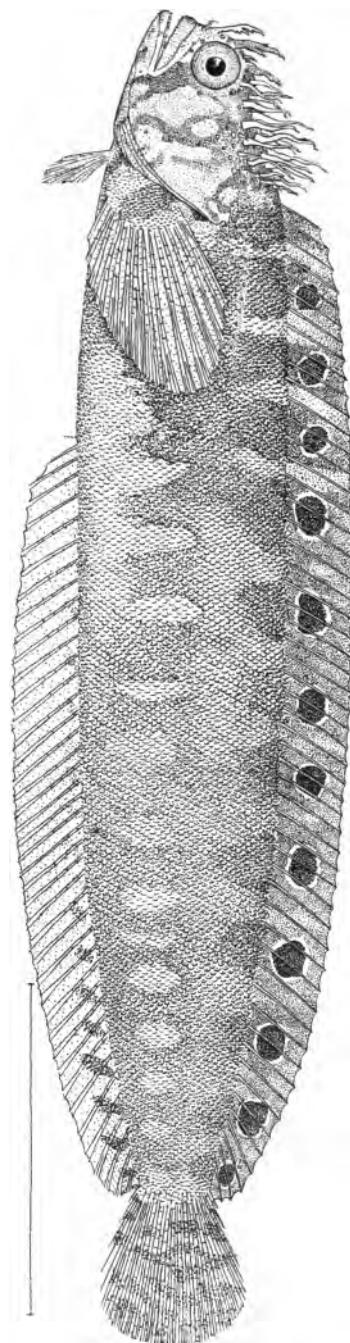


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ANNA L. BROWN, Del.

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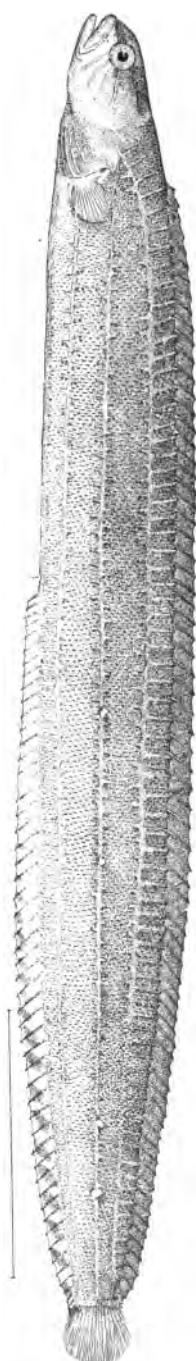


BRYOSTEMMA NUGATOR

Anna L Brown, Des.

LITH.BRITTON & RAY, JR.



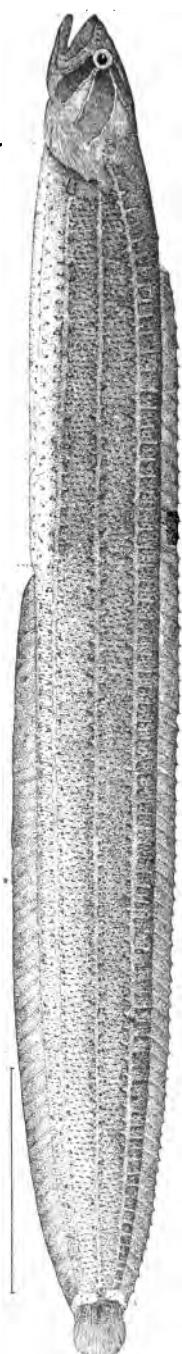


XIPHISTES ULVAE

ANNA L. BROWN DEL.

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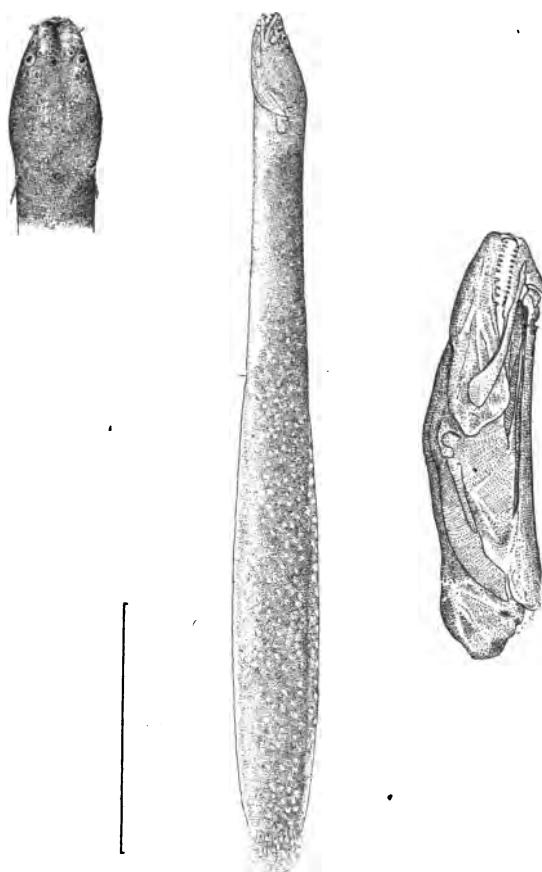


XIPHIDION RUPESTRE

ANNA L. BROWN, DEL.

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SCYTALINA CERDALE

ANNA L.BROWN, DISC.

LITH. BRITTON & CO., N.Y.

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